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CITY OF SOMERVILLE

MASSACHUSETTS

ANNUAL REPORTS

1927



SOMERVILLE PRINTING Co.
1928

REPORT OF THE CITY AUDITOR

OFFICE OF THE CITY AUDITOR,

January 26, 1928.

To the Honorable, the Mayor, and the Board of Aldermen of
the City of Somerville.

Gentlemen:—In accordance with the requirements of Section 3 of Ordinance Number 44, I herewith submit a report of the expenditures and receipts during the year 1927, showing in detail the appropriation and expenditures and the receipts from each source of income. Also a statement of the funded debt and temporary loans, table relative to maturities and interest, a balance sheet showing the assets and liabilities at the close of the fiscal year and a statement of the treasurer's cash.

Respectfully submitted,

HOWARD E. WEMYSS,

City Auditor.

I hereby certify that I have verified the treasurer's cash as of December 31, 1927 by actual count, and have verified by reconciliation of the bank accounts the amounts on deposit in the banks as of the same date.

The total cash balance December 31, 1927 was \$1,236,679.75, as follows:—

Somerville National Bank	\$102,918.59
Old Colony Trust Company	167,892.24
Commercial Security National Bank	55,858.29
Somerville Trust Company, Benefits	10,578.92
Somerville Trust Company, Teachers	48,172.28
Highland Trust Company	38,682.36
Certificates of Deposit, Old Colony Trust Co.	800,000.00
Cash in Office	12,577.07
	<hr/>
	\$1,236,679.75

I further certify that I have examined the Trust Fund Securities in the hands of the city treasurer and find them to be correct, as follows:—

Caroline G. Baker Fund, Schools	\$300.00
S. Newton Cutler Fund, Schools	5,322.22
S. Newton Cutler Fund, Library	1,064.45
Isaac Pitman Fund, Library	5,314.58
Olive C. Cummings Fund, Poor	1,751.45
Frances A. Wilder Children's Fund, Library	100.00
Martha R. Hunt Fund, Books, Library	14,105.25
Martha R. Hunt Fund, Art, Library	1,299.77
Sarah Lorane Graves Fund, Library	400.00
	<hr/>
	\$29,657.72

I further certify that I have examined the cash and accounts of the city clerk. The cash on hand December 31, 1927 has been verified by actual count and the bank balance reconciled.

HOWARD E. WEMYSS

January 25, 1928.

MIDDLESEX, S.S.

Then personally appeared the above named Howard E. Wemyss and made oath that the foregoing statement is correct and true to the best of his knowledge and belief.

NORMAN E. CORWIN,

Justice of the Peace.

BALANCE SHEET—Continued

Deferred Revenue:
 Apportioned Sewer Assessments, 1925
 Apportioned Sewer Assessments, 1926
 Apportioned Sidewalk Assessments, 1925
 Apportioned High. Bett. Assessments, 1923
 Apportioned High. Bett. Assessments, 1925
 Apportioned High. Bett. Assessments, 1926

133 14
 300 00
 60 05
 76 50
 392 80
 1,976 68

Reserve Fund, Surplus from
 Overlays
 Excess and Deficiency

32,239 99
 221,366 08
 \$1,045,962 23

Tax Titles

2,939 17
 2,700 41
 \$1,045,962 23

Non-Revenue Accounts

Cash in Banks and Offices.....

Unexpended balances:
 Appropriations

\$976,681 24
 \$976,681 24

Municipal Indebtedness

Net Bonded Debt

\$2,311,000 00
 Loans within statutory debt limit:
 City Bonds \$69,000 00
 City Hall Additions Bonds 118,000 00
 Sewer Bonds 146,000 00
 Highway Bonds 167,000 00
 Bridge Bonds 22,000 00

BALANCE SHEET—Continued

Public Building Bonds	122,000 00
Schoolhouse Bonds	665,000 00
High School Bonds	1,000,000 00
	<hr/>
	\$2,309,000 00
Loans outside statutory debt limit:	
Met. Park Assessment	
Bonds	2,000 00
	<hr/>
	\$2,311,000 00

Trust Funds

Trust Funds:	
School Funds	\$5,300 00
Library Funds	20,114 35
Poor Funds	1,681 66
	<hr/>

Investments:	
Cash and Securities	\$27,096 01

CASH STATEMENT, DECEMBER 31, 1927

REVENUE

Receipts

General:

Taxes	\$3,260,486 50
Corporation, Bank and Income Taxes	470,632 06
Licenses and Permits	16,864 87
Fines and Forfeits	30,300 30
Comm. of Mass., Deficit Boston Elevated	2,563 44
Comm of Mass., Vocational School	12,785 44
Comm. of Mass., Continuation School..	3,899 39
Comm. of Mass., Americanization	2,998 68
Comm. of Mass., Outside Tuition	4,015 23
Comm. of Mass., Smith-Hughes Fund ..	3,902 79
County of Middlesex, Dog Licenses....	2,590 45
Sale of Land	2,600 00
Miscellaneous	1,621 38

\$3,815,260 53

Special Assessments

75,335 06

Departmental:

General Government	8,863 32
Protection of Persons and Property....	2,946 95
Health and Sanitation	11,319 61
Highways	16,044 30
Charities	40,793 72
Soldiers' Benefits	6,369 25
Schools and School Buildings	15,958 05
Libraries	2,360 80
Baths and Bathhouses	831 15
Tailings	99 16

105,586 31

Water Department Accounts

327,978 86

Interest on deposits, taxes, etc.....

38,992 80

Temporary Loans

2,350,000 00

Premiums on Bonds

6,440 00

Refunds

11,227 35

Total Receipts

\$6,730,820 91

Balance at beginning of period

253,663 21

\$6,984,484 12

CASH STATEMENT, DECEMBER 31, 1927—Continued

Payments

Appropriations	\$3,532,767 96	
Income Trust Funds	5,227 46	
Temporary Loans	2,250,000 00	
Cash Advance, City Home	100 00	
Cash Advance, Soldiers' Benefits	100 00	
Tax Titles	1,404 03	
State Taxes and Assessments	412,253 45	
County of Middlesex, Tax	185,767 66	
Tellers' Overs and Shorts	89 87	
Refunds	2,544 08	
		<hr/>
Total Payments		\$6,390,254 51
Transfer to Non-Revenue Cash		334,231 10
Balance on hand		259,998 51
		<hr/>
		\$6,984,484 12

Non-Revenue

Receipts

High School Loan	\$1,000,000 00	
Redemption of Tax Titles	2,559 62	
Liquor Fees for Commonwealth	4 75	
Refunds	117 84	
		<hr/>
Total Receipts		\$1,002,682 21
Transfer from Revenue Cash		334,231 10
Balance at beginning of period		30,483 51
		<hr/>
		\$1,367,396 82

Payments

Appropriations	\$388,151 21	
Redemption of Tax Titles	2,559 62	
Liquor Fees for Commonwealth	4 75	
		<hr/>
Total Payments		\$390,715 58
Balance on hand		976,681 24
		<hr/>
		\$1,367,396 82

Summary

Total Revenue Receipts	\$6,730,820 91
Total Non-Revenue Receipts	1,002,682 21
	<hr/>
	\$7,733,503 12
Total balance at beginning of period.....	284,146 72
	<hr/>
	\$8,017,649 84
Total Revenue Payments	\$6,390,254 51
Total Non-Revenue Payments	390,715 58
	<hr/>
	\$6,780,970 09
Total balance on hand	1,236,679 75
	<hr/>
	\$8,017,649 84

TAXES

	Excise Tax	1925	1926	1927	Totals
Uncollected January 1, 1927.....	\$3 00	\$478 52	\$548,203 63	.....	\$548,685 15
Commitments	13 30	41 10	.....	\$3,391,418 64	3,391,473 04
Total to collect	\$16 30	\$519 62	\$548,203 63	\$3,391,418 64	\$3,940,158 19
Collections (Less refunds)	9 65	412 46	540,561 89	2,717,992 39	3,258,976 39
Abatements .....	.....	107 16	7,453 90	13,646 11	21,207 17
Total collections and abatements.....	\$9 65	\$519 62	\$548,015 79	\$2,731,638 50	\$3,280,183 56
Uncollected December 31, 1927	6 65	.....	187 84	659,780 14	659,974 63

SPECIAL ASSESSMENTS

	Unapportioned Committed Assess- ments	Appor- tioned Assess- ments	Com- mitted Interest	Appor- tioned Interest	Street Sprinkling	Sewers	Sidewalks	Highway Betterment	Totals
Assessments levied prior years, Balance January 1, 1927	\$984 35	\$73 66	\$49 06	\$14 68	\$7,830 24	\$5,315 03	\$6,782 26	\$23,946 00	\$44,995 28
Committed 1927	10,215 76	632 83	488 03	179 51	47,408 10	2,341 73	7,514 25	8,681 80	77,462 01
Total to collect	\$11,200 11	\$706 49	\$537 09	\$194 19	\$55,238 34	\$7,656 76	\$14,296 51	\$32,627 80	\$122,457 29
Collections	3,609 29	443 99	169 59	118 46	45,605 46	3,915 84	6,921 54	14,421 52	75,205 69
Abatements .....	.....	.....	.....	.....	83 46	100 00	.....	.....	183 46
Apportioned or Com- mitted .....	.....	.....	.....	.....	.....	1,299 19	2,047 09	9,524 48	12,870 76
Collected, Abated, Ap- portioned or Com- mitted	\$3,609 29	\$443 99	\$169 59	\$118 46	\$45,688 92	\$5,315 03	\$8,968 63	\$23,946 00	\$88,259 91

SPECIAL ASSESSMENTS—Continued

	Unapportioned Committed Assess- ments	Apportioned Assess- ments	Com- mitted Interest	Appor- tioned Interest	Street Sprinkling	Sewers	Sidewalks	Highway Betterment	Totals
Uncollected 1927 Assess- ments	7,590 82	262 50	367 50	75 73	9,549 42	2,341 73	5,327 88	8,681 80	34,197 38
Uncollected Committed Unapportioned Assess- ments	.....	.....	.....	.....	9,549 42	2,341 73	5,327 88	8,681 80	25,900 83
Uncollected Committed Apportioned Assess- ments	7,590 82	.....	.....	.....	.....	.....	.....	.....	7,590 82
Uncollected Committed Interest	.....	262 50	.....	.....	.....	.....	.....	.....	262 50
Uncollected Apportioned Interest	.....	.....	367 50	.....	.....	.....	.....	.....	367 50
	.....	.....	.....	75 73	.....	.....	.....	.....	75 73

APPORTIONED ASSESSMENTS

	Sewers	Sidewalks	Highways	Total
Balance January 1, 1927	\$149 78	\$80 07	\$1,078 35	\$1,308 20
Apportioned 1927	375 00	.....	2,280 00	2,655 00
Total	\$524 78	\$80 07	\$3,358 35	\$3,963 20
Committed for collection	91 64	20 02	521 17	632 83
Assessment paid in full, not due	.....	.....	391 20	391 20
Balance December 31, 1927	\$433 14	\$60 05	\$2,445 98	\$2,939 17
Balances December 31, 1927, as follows:—				
Sewers 1925				\$133 14
Sewers 1926				300 00
Sidewalks 1925				60 55
Highway 1923				76 50
Highway 1925				392 80
Highway 1926				1,976 68
Total				\$2,939 17

DEPARTMENT BILLS

Departmental Accounts, Pledged to Revenue	Balance Jan. 1, 1927	Committed	Total to Collect	Abated	Collected	Uncollected
Health Department	\$441 73	\$1,223 00	\$1,664 73	\$159 00	\$1,077 93	\$427 80
Contagious Hospital	3,254 75	8,543 50	11,798 25	1,894 00	6,251 60	3,652 65
Inspection of Milk	4 00	203 00	207 00	.....	186 00	21 00
Sewers Construction	45 00	.....	45 00	45 00	.....	.....
Sanitary Department .....	.....	400 00	400 00	.....	400 00	.....
Sanitary Buildings .....	.....	592 58	592 58	.....	592 58	.....
Highway Maintenance	371 52	15,991 39	16,362 91	109 74	15,944 89	308 28
Sidewalks Maintenance .....	.....	14 73	14 73	.....	14 73	.....
New Sidewalks	23 29	.....	23 29	.....	23 29	.....
Street Sprinkling .....	.....	23 64	23 64	.....	23 64	.....
Welfare, Miscellaneous	21,739 41	40,192 54	61,931 95	209 72	32,555 03	29,167 20
Welfare, City Home	636 85	4,922 82	5,559 67	24 00	5,515 67	20 00
School Contingent	1,316 75	20,098 90	21,415 65	4,257 41	14,793 31	2,364 93
School Buildings .....	.....	850 60	850 60	.....	850 60	.....
Totals	\$27,833 30	\$93,056 70	\$120,890 00	\$6,698 87	\$78,229 27	\$35,961 85

WATER DEPARTMENT ACCOUNTS (REVENUE)

	Commitments	Abatements	Collections (net)	Balance
Metered Rates	\$308,961 71	\$396 93	\$264,874 01	\$43,690 77
Additional Rates	1,397 84	2 50	1,395 34	.....
Service Assessments	9,558 24	.....	9,558 24	.....
Maintenance Bills	21,784 24	8,891 48	12,892 76	.....
Totals	\$341,702 03	\$9,290 91	\$288,720 35	\$43,690 77
Cash Receipts .....	.....	.....	.....	\$288,720 35
Metered Rates Last Quarter 1927 .....	.....	.....	.....	43,690 77
Water Revenue 1927 .....	.....	.....	.....	\$332,411 12
Metered Rates Last Quarter 1926				
Uncollected January 1, 1927 .....	.....	.....	.....	\$39,838 73
Abatements .....	.....	.....	\$616 08	.....
Collected .....	.....	.....	39,222 65	\$39,838 73

STATEMENT OF ESTIMATED REVENUE

	Estimate	Receipts	Excess	Deficit
Taxes from State:				
Street Railway	\$16,000 00	\$17,720 20	\$1,720 20	.....
Licenses and Permits:				
Milk	500 00	567 50	67 50	.....
Health	250 00	278 00	28 00	.....
City Clerk	6,500 00	5,920 25	.....	\$579 75
Executive	1,000 00	649 00	.....	351 00
Pedlers' License Commission	1,000 00	1,165 00	165 00	.....
Buildings	3,000 00	2,219 00	.....	781 00
Electrical Department	4,200 00	3,907 00	.....	293 00
Licensing Commission	1,800 00	1,662 00	.....	138 00
Miscellaneous	550 00	497 12	.....	52 88
Fines and Forfeits:				
Court Fines	20,000 00	29,975 80	9,975 80	.....
Departmental Penalties	200 00	324 50	124 50	.....
Grants and Gifts:				
County, Dog Licenses	2,300 00	2,590 45	290 45	.....
State, Industrial School	12,700 00	12,785 44	85 44	.....
Continuation School	3,800 00	3,899 39	99 39	.....
Americanization	3,000 00	2,998 68	.....	1 32
Outside Tuition .....	.....	4,015 23	4,015 23	.....
Special Assessments:				
Street Sprinkling	46,000 00	47,344 38	1,344 38	.....
Sewers	3,000 00	4,840 03	1,840 03	.....
Apportioned Sewers .....	.....	91 64	91 64	.....
Highways	17,000 00	21,666 00	4,666 00	.....
Apportioned Highways	500 00	912 37	412 37	.....
Sidewalk	6,000 00	8,968 63	2,968 63	.....
Apportioned Sidewalks .....	.....	20 02	20 02	.....
General Government:				
Treasury Department	5,600 00	6,141 22	541 22	.....
City Clerk's Department	2,000 00	2,279 55	279 55	.....
Building Department, Appeals	350 00	430 00	80 00	.....

STATEMENT OF ESTIMATED REVENUE

	Estimate	Receipts	Excess	Deficit
Protection of Persons and Property:				
Police Department	200 00	475 54	275 54	.....
Fire Department	100 00	1,508 35	1,408 35	.....
Sealer of Weights and Measures	800 00	963 06	163 06	.....
Health and Sanitation:				
Health Department	1,500 00	1,092 33	.....	407 67
Contagious Hospital	6,000 00	6,251 60	251 60	.....
Inspection of Milk and Vinegar	100 00	189 00	89 00	.....
Sanitary Department	3,000 00	3,194 10	194 10	.....
Sanitary Buildings	600 00	592 58	.....	7 42
Highways:				
Highway Maintenance	14,000 00	15,982 64	1,982 64	.....
Street Sprinkling .....	.....	23 64	23 64	.....
Sidewalks Maintenance .....	.....	14 73	14 73	.....
New Sidewalks .....	.....	23 29	23 29	.....
Charities:				
Welfare, City Home	6,000 00	8,186 23	2,186 23	.....
Welfare, Miscellaneous	35,000 00	32,607 49	.....	2,392 51
Soldiers' Benefits:				
State Aid	4,500 00	4,384 00	.....	116 00
Military Aid	2,000 00	1,755 50	.....	244 50
Soldiers' Burials	400 00	160 00	.....	240 00
Education:				
School Contingent	16,000 00	14,839 45	.....	1,160 55
School Buildings	700 00	1,118 60	418 60	.....
Libraries:				
Library Department	2,400 00	2,360 80	.....	39 20
Recreation and Unclassified:				
Electrolysis	500 00	500 00	.....	.....
Bathhouse	200 00	272 50	72 50	.....
Shower Baths	500 00	558 65	58 65	.....

STATEMENT OF ESTIMATED REVENUE

	Estimate	Receipts	Excess	Deficit
Public Service Enterprises:				
Water Department	312,000 00	332,411 12	20,411 12	.....
Interest:				
Bank Deposits,—				
Treasurer	10,000 00	10,521 29	521 29	.....
Treasurer, Certificate of Deposit .....	.....	7,837 11	7,837 11	.....
City Clerk .....	.....	1 05	1 05	.....
Deferred Taxes	16,000 00	18,840 08	2,840 08	.....
Deferred Special Assessments	650 00	846 41	196 41	.....
Apportioned Interest Assessments .....	.....	179 51	179 51	.....
Miscellaneous	100 00	108 24	8 24	.....
Totals	\$590,500 00	\$651,667 29	\$67,972 09	\$6,804 80
Estimate				\$590,500 00
Actual				651,667 29
Excess				\$61,167 29

STATEMENT OF APPROPRIATIONS 1927 (REVENUE)

General Government:—	Appropriations	Trans. from	Appropriation	Receipts and	Total	Expenditures	Balance to
Board of Aldermen Ex-	Trans.	Trans. to	Service	Credit			Excess and
penses			Trans.				Deficiency
Clerk of Committees De-	\$2,200 00	.....	.....	.....	\$2,200 00	\$1,614 08	\$585 92
partment	3,700 00	.....	.....	.....	3,720 00	3,716 58	3 42
Executive Department	10,050 00	.....	.....	.....	10,050 00	9,575 75	474 25
Auditing Department	8,030 00	\$50 00	.....	.....	7,980 00	7,953 93	26 07
Treasury Department	29,430 00	50 00	.....	.....	29,480 00	29,413 73	66 27
Assessors' Department	28,560 00	3,000 00	.....	.....	25,560 00	25,355 43	204 57
Pedlers' License Commission	25 00	.....	.....	.....	25 00	24 53	47
Licensing Commission	3,000 00	20 00	.....	.....	2,980 00	2,958 30	21 70
Certification of Notes and	.....	.....	.....	.....	.....	.....	.....
Bonds	350 00	.....	.....	.....	1,825 00	1,825 00	.....
City Clerk's Department	12,400 00	.....	.....	.....	14,623 11	14,623 38	30 73
Registration of City Laborers	485 00	.....	.....	.....	485 00	477 30	7 70
Law Department	4,730 00	.....	.....	.....	4,730 00	4,700 40	29 60
City Messenger's Department	3,570 00	.....	.....	.....	3,570 00	3,559 73	10 27
Engineering Department	15,820 00	.....	.....	.....	15,820 00	15,723 74	96 26
Commissioner of Public	.....	.....	.....	.....	.....	.....	.....
Buildings	13,250 00	90 00	.....	.....	13,160 00	13,120 40	39 60
Maintenance Municipal Build-	.....	.....	.....	.....	.....	.....	.....
ings	13,900 00	.....	.....	.....	14,315 27	14,171 54	143 73
City Planning Board	1,000 00	400 00	.....	.....	600 00	128 93	471 07
Board of Appeal	1,600 00	.....	.....	.....	1,600 00	1,534 42	65 58
Election Expenses, City Clerk	2,690 00	.....	.....	.....	2,870 00	2,868 01	1 99
Election Expenses, Registrars	.....	.....	.....	.....	.....	.....	.....
of Voters	5,900 00	.....	.....	.....	6,250 00	6,237 34	12 66
Pay of Election Officers	3,840 00	.....	.....	.....	3,840 00	3,840 00	.....
Maintenance Polling Places...	1,270 00	200 00	.....	.....	1,070 00	966 08	103 92
Total General Government...	165,800 00	3,760 00	2,175 00	2,569 38	166,784 38	164,388 60	2,395 78

STATEMENT OF APPROPRIATIONS 1927 (REVENUE)

Protection of Persons and Property:—	Appropriations	Trans. from	Appropriation	Receipts and	Total	Expenditures	Balance to
		Trans. to	Trans.	Credit			Excess and
							Deficiency
Police Department	264,350 00	.....	4,500 00	1 22	268,851 22	268,849 65	1 57
Maintenance Police Buildings	5,850 00	.....	.....	.....	5,850 00	5,684 36	165 64
Fire Department	299,850 00	.....	1,610 00	449 18	301,909 18	301,857 87	51 31
Maintenance Fire Buildings	12,750 00	410 00	.....	.....	12,340 00	12,162 25	177 75
Weights & Measures Department	4,840 00	.....	100 00	.....	4,940 00	4,933 52	6 48
Electrical Department	25,090 00	.....	.....	846 77	25,936 77	25,757 30	179 47
Maintenance Electrical Department Building	2,000 00	.....	400 00	5 00	2,405 00	2,403 04	1 96
Suppression of Moths	4,500 00	.....	500 00	.....	5,000 00	4,898 64	101 36
Care of Trees	6,500 00	.....	.....	.....	6,500 00	6,498 39	1 61
Total Protection of Persons and Property	625,730 00	410 00	7,110 00	1,302 17	633,732 17	633,045 02	687 15
Health and Sanitation:—							
Health Department	25,120 00	.....	.....	.....	25,120 00	25,074 95	45 05
Vital Statistics	1,120 00	180 00	.....	.....	940 00	904 71	35 29
Contagious Hospital	19,780 00	.....	150 00	.....	19,930 00	19,909 98	20 02
Maintenance Contagious Hospital	3,900 00	.....	10 00	.....	3,910 00	3,900 86	9 14
Inspection of Animals and Provisions	2,840 00	.....	.....	.....	2,840 00	2,839 97	03
Inspection of Milk and Vinegar	6,980 00	150 00	.....	.....	6,830 00	6,818 13	11 87
Inspection of School Children	1,750 00	.....	.....	.....	1,750 00	1,686 54	63 46
School Nurses' Salaries	2,850 00	.....	.....	.....	2,850 00	2,850 00	.....
Sewers Maintenance	24,250 00	.....	1,610 00	82 11	25,942 11	25,923 87	18 24
Maintenance Sewer Buildings	350 00	.....	.....	.....	350 00	338 46	11 54
Sanitary Department	205,100 00	.....	3,500 00	.....	208,600 00	208,433 90	166 10

STATEMENT OF APPROPRIATIONS 1927 (REVENUE)

	Appropriations	Trans. from	Appropriation	Trans. to	Receipts and Service Trans.	Total Credit	Expenditures	Balance to Excess and Deficiency
Maintenance Sanitary Build- ings	970 00	.....	800 00	.....	.....	1,770 00	1,705 13	64 87
Street Cleaning	27,250 00	600 00	3,440 00	.....	392 00	30,482 00	30,474 00	8 00
Total Health and Sanitation	322,260 00	930 00	9,510 00	.....	474 11	331,314 11	330,860 50	453 61
Highways:—								
Highways Maintenance	102,600 00	.....	11,100 00	26,916 49	.....	140,616 49	139,475 97	1,140 52
Sidewalks Maintenance	9,600 00	.....	1,600 00	83 69	.....	11,283 69	11,279 51	4 18
Street Sprinkling	38,250 00	2,500 00	.....	2,492 00	.....	38,242 00	38,073 71	168 29
Street Lighting	83,000 00	1,710 00	.....	.....	.....	81,290 00	81,259 94	30 06
Maintenance Highway Build- ings	1,970 00	.....	1,350 00	105 74	.....	3,425 74	3,353 17	72 57
Total Highways	235,420 00	4,210 00	14,050 00	29,597 92	.....	274,857 92	273,442 30	1,415 62
Charities and Soldiers' Bene- fits:—								
Welfare, Miscellaneous	133,000 00	.....	2,230 00	525 67	.....	135,755 67	135,671 34	84 33
Welfare, City Home	17,140 00	.....	.....	6 00	.....	17,146 00	16,070 45	1,075 55
Maintenance City Home Buildings	5,500 00	800 00	90 00	.....	.....	4,790 00	4,788 20	1 80
Soldiers' Benefits, General Administration	1,550 00	.....	.....	.....	.....	1,550 00	1,549 43	57
Military Aid	4,000 00	350 00	.....	130 00	.....	3,780 00	3,641 00	139 00
State Aid	4,500 00	.....	.....	28 00	.....	4,528 00	4,412 00	116 00
Soldiers' Relief	39,000 00	.....	.....	1,054 00	.....	40,054 00	37,315 64	2,738 36
Soldiers' Burials	400 00	.....	.....	.....	.....	400 00	160 00	240 00
Total Charities and Soldiers' Benefits	205,090 00	1,150 00	2,320 00	1,743 67	.....	208,003 67	203,608 06	4,395 61
Education:—								
School Contingent	72,000 00	.....	.....	.....	.....	72,000 00	71,998 82	1 18
Outside Tuition	10,000 00	.....	.....	.....	.....	10,000 00	9,891 64	108 36
School Teachers' Salaries ...	939,600 00	.....	.....	220 00	.....	939,820 00	932,874 68	6,945 32

STATEMENT OF APPROPRIATIONS 1927 (REVENUE)

	Appropriations	Appropriation Trans. from	Appropriation Trans. to	Receipts and Service Trans.	Total Credit	Expenditures	Balance to Excess and Deficiency
Janitors' Services	80,820 00	.....	.....	.....	80,820 00	80,043 74	776 26
Fuel and Light	45,000 00	3,500 00	.....	1,227 75	42,727 75	42,113 59	614 16
Buildings and Grounds	57,360 00	.....	3,500 00	632 00	61,492 00	61,256 05	235 95
Total Education	1,204,780 00	3,500 00	3,500 00	2,079 75	1,206,859 75	1,198,178 52	8,681 23
Libraries:—							
Central Library	39,020 00	.....	.....	24 94	39,044 94	39,043 66	1 28
Maintenance Central Library..	7,080 00	150 00	.....	.....	6,930 00	6,845 46	84 54
West Somerville Branch Li- brary	10,320 00	.....	.....	.....	10,320 00	10,319 90	10
Maintenance West Somerville Branch Library	3,000 00	.....	100 00	.....	3,100 00	3,093 03	6 97
East Somerville Branch Li- brary	7,900 00	.....	.....	.....	7,900 00	7,899 77	23
Maintenance East Somerville Branch Library	2,510 00	300 00	.....	.....	2,210 00	2,112 55	97 45
Union Square Branch Library	8,230 00	.....	.....	4 52	8,234 52	8,234 08	44
Maintenance Union Square Branch Library	2,400 00	.....	250 00	101 10	2,751 10	2,741 71	9 39
Total Libraries	80,460 00	450 00	350 00	130 56	80 490 56	80,290 16	200 40
Recreation and Unclassified:—							
Parks Maintenance	13,900 00	.....	.....	.....	13,900 00	13,012 75	887 25
Maintenance Park Buildings	5,020 00	.....	.....	32 00	5,052 00	4,271 34	780 66
Playgrounds Maintenance ..	9,600 00	1,610 00	.....	53 73	8,043 73	7,688 21	355 52
Public Welfare and Recrea- tion Commission	11,000 00	.....	.....	4 00	11,004 00	10,995 03	8 97
Maintenance Bathhouse	2,640 00	.....	.....	.....	2,640 00	2,519 03	120 97
Celebrations	2,500 00	.....	150 00	.....	2,650 00	2,649 31	69
Memorial Day	1,000 00	.....	.....	.....	1,000 00	868 48	131 52
Municipal Documents	5,000 00	2,300 00	.....	.....	2,700 00	2,416 76	283 24
Maintenance Bandstand	300 00	.....	.....	.....	300 00	299 71	29

STATEMENT OF APPROPRIATIONS 1927 (REVENUE)

	Appropriations	Appropriation Trans. from	Appropriation Trans. to	Receipts and Service Trans.	Total Credit	Expenditures	Balance to Excess and Deficiency
	1,200 00	.....	150 00	.....	1,350 00	1,329 77	20 23
Rifle Practice, Cos. A. & B....	50 00	.....	.....	.....	50 00	40 00	10 00
Quarters Spanish War Veterans	700 00	.....	.....	.....	700 00	675 00	25 00
Quarters for American Legion	700 00	.....	.....	.....	700 00	660 00	40 00
Quarters for George Dilboy	10,000 00	9,675 00	.....	.....	325 00	.....	325 00
Post, V. F. W.	5,000 00	2,000 00	.....	20 00	3,020 00	2,867 22	152 78
Contingent Fund	50,000 00	.....	400 00	8 33	50,408 33	50,367 74	40 59
Workmen's Compensation ...	14,500 00	.....	6,300 00	.....	20,800 00	20,786 74	13 26
Pensions	133,110 00	15,585 00	7,000 00	118 06	124,643 06	121,447 09	3,195 97
Damage to Persons and Property	107,150 00	4,100 00	.....	.....	103,050 00	103,018 72	31 28
Total Recreation and Unclassified	146,000 00	.....	.....	.....	146,000 00	146,000 00	.....
Municipal Indebtedness:—	253,150 00	4,100 00	.....	.....	249,050 00	249,018 72	31 28
Interest	98,000 00	.....	6,300 00	24,102 85	128,402 85	128,031 64	371 21
Reduction of Funded Debt ...	44,000 00	12,970 00	.....	.....	31,030 00	30,051 92	978 08
Total Municipal Indebtedness	1,820 00	.....	.....	.....	1,820 00	1,567 12	252 88
Public Service Enterprises:—	169,500 00	5,000 00	.....	.....	164,500 00	164,205 30	294 70
Water Maintenance	313,320 00	17,970 00	6,300 00	24,102 85	325,752 85	323,855 98	1,896 87
Water Works Extension	Total Appropriations...	\$3,539,120 00	\$52,315 00	\$62,118 47	\$3,601,488 47	\$3,578,134 95	\$23,353 52
Maintenance Water Buildings							
Metropolitan Water Assessment							
Total Public Service Enterprises							

STATEMENT OF APPROPRIATIONS 1927 (REVENUE)

CITY AUDITOR

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Other Accounts:—

Income of Trust Funds:—

School:—

S. Newton Cutler					
Caroline G. Baker					
Smith-Hughes					
Library:—					
S. Newton Cutler					
Martha R. Hunt Art					
Martha R. Hunt Book					
Isaac Pitman Art					
Isaac Pitman Poetry					
Frances A. Wilder					
Sarah Lorane Graves					
Thomas J. Buffum					

Welfare:—

Olive C. Cummings					
Temporary Loans					
Real Estate Liens and Tax Titles					
State Taxes and Assessments					
County Tax					
Advance, City Home					
Advance, Soldiers' Benefits					
Tellers' Overs and Shorts					
Cash Refunds:—					
Taxes					
Water Rates					
Special Assessments					
Miscellaneous					

Total Other Accounts					
Revenue Totals					

	Balance from 1926	Receipts	Total Credit	Expenditures	Balance to 1928
S. Newton Cutler	\$32 54	\$214 50	\$247 04	\$89 50	\$157 54
Caroline G. Baker	7 50	15 00	22 50	15 00	7 50
Smith-Hughes	1,552 48	3,902 79	5,455 27	4,052 48	1,402 79
Library:—					
S. Newton Cutler	37	42 88	43 25	42 81	44
Martha R. Hunt Art	39 20	64 96	104 16	12 75	91 41
Martha R. Hunt Book	159 27	495 31	654 58	649 69	4 89
Isaac Pitman Art	413 59	171 32	584 91	213 25	371 66
Isaac Pitman Poetry	87 95	42 82	130 77	129 54	1 23
Frances A. Wilder	2 52	5 00	7 52	2 06	5 46
Sarah Lorane Graves	10 51	20 00	30 51	20 38	10 13
Thomas J. Buffum .....	.....	1,000 00	1,000 00	.....	1,000 00
Welfare:—					
Olive C. Cummings	657 37	75 05	732 42	.....	732 42
Temporary Loans .....	.....	.....	2,250,000 00	2,250,000 00	.....
Real Estate Liens and Tax Titles .....	.....	.....	1,404 03	1,404 03	.....
State Taxes and Assessments .....	.....	.....	412,253 45	412,253 45	.....
County Tax .....	.....	.....	185,767 66	185,767 66	.....
Advance, City Home .....	.....	.....	100 00	100 00	.....
Advance, Soldiers' Benefits .....	.....	.....	100 00	100 00	.....
Tellers' Overs and Shorts .....	.....	.....	89 87	89 87	.....
Cash Refunds:—					
Taxes .....	.....	.....	1,519 76	1,519 76	.....
Water Rates .....	.....	.....	35 86	35 86	.....
Special Assessments .....	.....	.....	26 22	26 22	.....
Miscellaneous .....	.....	.....	962 24	962 24	.....
Total Other Accounts	\$2,963 30	\$6,049 63	\$2,861,272 02	\$2,857,486 55	\$3,785 47
Revenue Totals			6,462,760 49	6,435,621 50	27,138 99

STATEMENT OF APPROPRIATIONS 1927 (NON-REVENUE)

	Balance From 1926	Appropriation transfer from	Appropriation transfer to	Receipts and Service Trans.	Total Credit	Expendi- tures	Balance to 1928
Protection of Persons and Property:—							
Underground							
Wires	\$2,179 74	\$2,000 00	.....	.....	\$4,179 74	\$612 56	\$3,567 18
Fire Dept., Ad- ditional Ap- paratus .....	.....	13,500 00	.....	.....	13,500 00	13,000 00	500 00
Health and Sanitation:—							
Sewers Construc- tion	2,842 46	35,600 00	.....	370 11	38,812 57	32,039 13	6,773 44
Highways:—							
New Streets ..	3,418 31	36,000 00	.....	.....	39,418 31	33,674 72	5,743 59
Permanent Pavement	5 55	159,000 00	.....	.....	159,005 55	142,424 57	16,580 98
Sidewalks Con- struction	330 45	16,000 00	.....	.....	16,330 45	16,297 15	33 30
Reconstruction and Resurf- acing	174 37	25,000 00	1,000 00	.....	29,174 37	28,965 06	209 31
Gilman Street Bridge	5,000 00	.....	5,000 00	.....	.....	.....	.....
Education:—							
High School Additions and Alterations ..	11,792 68	1,027,500 00	.....	.....	1,039,292 68	107,287 48	932,005 20
Schoolhouses Sprinkler Systems	3,539 88	16,500 00	.....	.....	20,489 88	20,181 59	308 29

STATEMENT OF APPROPRIATIONS 1927 (NON-REVENUE)

	Balance From 1926	Appro- priation	Appropriation transfer from	Appropriation transfer to	Receipts and Service Trans.	Total Credit	Expendi- tures	Balance to 1928
Recreation:—								
Playground,	322 24	1,000 00	.....	.....	.....	1,322 24	821 66	500 58
Foss Park ..								
Improvement								
Walter Er-								
nest Shaw								
Playground ..	877 83	6,000 00	.....	300 00	.....	7,177 83	7,015 01	162 22
John M. Woods								
Playground ..	.....	500 00	.....	.....	.....	500 00	.....	500 00
Additional								
Land, Play-								
ground Glen		9,800 00	.....	.....	.....	9,800 00	3 45	9,796 55
Street								
Total Appropri-	\$30,483 51	\$1,348,400 00	\$6,000 00	\$5,750 00	\$370 11	\$1,379,003 62	\$402,322 38	\$976,681 24
ation Acc'ts.								
Other Accounts:—								
Redemption of								
Tax Titles ..	.....	.....	.....	.....	2,559 62	2,559 62	2,559 62	.....
Comm. of Mass.,								
Liquor Fees	.....	.....	.....	.....	4 75	4 75	4 75	.....
Non-Revenue								
Totals	\$30,483 51	\$1,348,400 00	\$6,000 00	\$5,750 00	\$2,934 48	\$1,381,567 99	\$404,886 75	\$976,681 24

COMMONWEALTH OF MASSACHUSETTS

Payments

State Tax	\$189,480 00
State Highway Tax	793 92
Metropolitan Sewer Assessment	115,232 69
Metropolitan Park Assessment	81,342 54
Wellington Bridge Assessment	3,165 53
Charles River Basin Assessment	9,581 95
Alewife Brook Assessment	940 15
Abatement of Smoke Assessment	287 99
Fire Prevention Assessment	1,125 71
Division Metropolitan Planning Assess- ment	1,182 42
River-Brighton Street Bridge Assessment	1,514 29
Southern Traffic Artery Assessment	7,442 66
Soldiers' Exemption Assessment	163 60
Metropolitan Water Assessment	164,205 30
Refunds, Street Railway, Corporation and National Bank Taxes, Prior Years	949 32

\$577,408 07

Receipts

Income Taxes, Prior Years	\$26,843 00
Income Taxes 1927	299,665 39
Corporation Taxes, Prior Years	15,625 56
Corporation Taxes 1927	109,376 99
National Bank Tax, Prior Years	1 26
National Bank Tax 1927	1,399 66
Street Railway Tax	17,720 20
Account Boston Elevated Deficit	2,563 44
Pedlers' Licenses	250 00
Boxing Licenses	257 62
Vocational School	12,785 44
Continuation School	3,899 39
Americanization	2,998 68
Outside Tuition	4,015 23
Smith-Hughes Fund	3,902 79
Diseases Dangerous to Health	390 43
General Aid to Poor	10,906 94
Mothers' Aid	11,342 38
State Aid	4,586 00
Military Aid	1,723 25
Soldiers' Burials	60 00
Division of the Blind	500 00
Tuition, State Wards	3,297 72
In Lieu of Taxes	86 69

\$534,198 06

COUNTY OF MIDDLESEX

Payment

County Tax	\$165,251 65	
Special Tax, Tuberculosis Hospital	20,516 01	
	<hr/>	
		\$185,767 66

Receipts

Dog Licenses	\$2,590 45
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STATEMENT OF REVENUE AND EXPENSES

Revenue

Total taxes as per Assessors' commitments		\$3,390,357 34
Less State Taxes	\$190,273 92	
County Tax	185,767 66	
Overlay	27,391 50	
		<hr/> 403,433 08
Amount raised for municipal purposes		\$2,986,924 26
Other Revenue:		
Income Tax 1925, Excess	\$3,158 00	
Income Tax 1926, Excess	23,685 00	
Income Tax 1927	299,665 39	
Corporation Taxes, Prior Years	15,625 56	
Corporation Taxes 1927	109,376 99	
National Bank Tax 1926, Excess	1 26	
National Bank Tax 1927	1,399 66	
Boston Elevated Railway Deficit	2,563 44	
Supplementary Taxes	1,061 30	
Bankruptcy Dividend	16 04	
Special Excise Tax	13 30	
Estimated Revenue	\$590,500 00	
Excess	61,167 29	651,667 29
Appropriation from Excess and De-		
ficiency	180,100 00	
		<hr/> 1,288,333 23
Total Revenue		\$4,275,257 49

Expenses

General Appropriations	\$3,515,930 08	
Outlay Appropriations	348,400 00	
Metropolitan and Other Assessments	221,815 93	
Tellers' Overs and Shorts	89 87	
		<hr/> 4,086,235 88
Excess of Revenue		\$189,021 61

TEMPORARY LOANS 1927

Taken by	Nos.	Issued	Due	Rate	Amount	Paid
Boston Safe Deposit & Trust Co.	1443 @ 1449	Jan. 26, 1927	Oct. 28, 1927	3 52 plus 7 00	\$200,000 00	Oct. 28, 1927
Somerville Trust Company..	1450	Feb. 16, 1927	Oct. 31, 1927	3 50	50,000 00	Oct. 31, 1927
Old Colony Corporation	1451 @ 1456	Feb. 23, 1927	Oct. 17, 1927	3 58	100,000 00	Oct. 17, 1927
Old Colony Corporation	1457 @ 1462	Feb. 23, 1927	Oct. 24, 1927	3 58	100,000 00	Oct. 24, 1927
Old Colony Corporation	1463 @ 1486	Mar. 21, 1927	Nov. 4, 1927	3 58 5	400,000 00	Nov. 4, 1927
Old Colony Corporation	1487 @ 1498	Apr. 18, 1927	Nov. 4, 1927	3 52 plus 1 75	200,000 00	Nov. 4, 1927
Old Colony Corporation	1499 @ 1514	May 23, 1927	Nov. 7, 1927	3 59 plus 2 75	300,000 00	Nov. 7, 1927
Old Colony Corporation	1515 @ 1528	June 15, 1927	Dec. 14, 1927	3 58 plus 1 25	300,000 00	Dec. 14, 1927
S. N. Bond & Co.	1529 @ 1540	Aug. 1, 1927	Jan. 25, 1928	3 59 plus 7 25	200,000 00	
Bank of Commerce & Trust Co.	1541 @ 1548	Sept. 21, 1927	Mar. 15, 1928	3 37	200,000 00	
Boston Safe Deposit & Trust Co.	1549 @ 1551	Dec. 12, 1927	Apr. 16, 1928	3 26 plus 11 00	100,000 00	
Boston Safe Deposit & Trust Co.	1552 @ 1554	Dec. 12, 1927	May 15, 1928	3 26	100,000 00	
Boston Safe Deposit & Trust Co.	1555 @ 1557	Dec. 12, 1927	June 15, 1928	3 26	100,000 00	
Total amount of 1927 loans					\$2,350,000 00	
Outstanding January 1, 1927					600,000 00	
Payments 1927					\$2,950,000 00	
Outstanding December 31, 1927					2,250,000 00	
					\$700,000 00	

FUNDED DEBT.

The funded debt of the city January 1, 1927 was \$1,457,000.00. A loan of \$1,000,000.00 was authorized for High School construction. Maturities paid during the year amounted to \$146,000.00. The total debt December 31, 1927 was \$2,311,000.00, a net increase of \$854,000.00.

Classified debt January 1, 1927:—

City Loan	\$88,000 00	
City Hall Additions Loan	126,000 00	
Sewer Loan	166,000 00	
Public Building Loan	139,000 00	
Highway Loan	202,000 00	
Schoolhouse Loan	710,000 00	
Bridge Loan	23,000 00	
		<hr/>
Total within limit		\$1,454,000 00
Metropolitan Park Loan	3,000 00	
Total outside limit		3,000 00
		<hr/>
Total funded debt		\$1,457,000 00
Loan increasing the debt:—		
High School Loan		1,000,000 00
		<hr/>
		\$2,457,000 00

Maturities reducing the debt:—

City Loan	\$19,000 00	
City Hall Additions Loan	8,000 00	
Sewer Loan	20,000 00	
Public Building Loan	17,000 00	
Highway Loan	35,000 00	
Bridge Loan	1,000 00	
Schoolhouse Loan	45,000 00	
		<hr/>
Total within limit	\$145,000 00	
Metropolitan Park Loan (Outside limit) ...	1,000 00	
		<hr/>
Total maturities		146,000 00
		<hr/>
Funded Debt December 31, 1927		\$2,311,000 00

Classified as follows:—

City Bonds 3½%	\$2,000 00
City Bonds 4%	67,000 00
City Hall Additions Bonds 4%	48,000 00
City Hall Additions Bonds 4¼%	70,000 00
Sewer Bonds 3½%	24,000 00
Sewer Bonds 4%	106,000 00
Sewer Bonds 4¼%	16,000 00
Public Building Bonds 4%	82,000 00

Public Building Bonds 4½%	40,000 00	
Highway Bonds 4%	124,000 00	
Highway Bonds 4½%	8,000 00	
Highway Bonds 5%	35,000 00	
Schoolhouse Bonds 4%	665,000 00	
High School Bonds 3½%	700,000 00	
High School Bonds 4%	300,000 00	
Bridge Bonds 3½%	22,000 00	
Total within limit		\$2,309,000 00
Metropolitan Park Bonds 3½%	2,000 00	
Total outside limit		2,000 00
Total funded debt		\$2,311,000 00

The debt per capita December 31, 1927 was \$22.66. The debt was 1.99% of the assessed valuation for 1927 and the ratio of debt to tax income was 69.4%. The tax rate per \$1,000. valuation on account of reduction of funded debt in 1927 was \$1.25.

TAXES

The total taxable property as of April 1, 1927 was \$116,406,900. The tax rate was fixed at \$28.60 per \$1,000 valuation.

State Tax	\$189,480 00 ✓
State Highway Tax	793 92 ✓
Metropolitan Sewerage	115,232 69 ✓
Metropolitan Parks	81,342 34 ✓
Wellington Bridge Reconstruction	1,451 06 ✓
Wellington Bridge Maintenance	1,714 47 ✓
Charles River Basin	9,581 95 ✓
Alewife Brook	940 15 ✓
Abatement of Smoke	287 99 ✓
Fire Prevention	1,125 71 ✓
Division Metropolitan Planning	1,182 42 ✓
River-Brighton Street Bridge	1,514 29 ✓
Southern Traffic Artery	7,442 66 ✓
County Tax	165,251 65 ✓
County Tax, Tuberculosis Hospital	20,516 .01 ✓
City Budget	3,748,420 00
Overlay	27,391 50 ✓
Total amount raised	\$4,373,669 01
Less Estimated Revenue	\$590,500 00
State Income Tax	241,311 67
Corporation Tax	100,000 00
Bank Tax	1,500 00
Poll Taxes	61,120 00
Appropriation from Excess and De-	
ficiency	50,000 00
	1,044,431 67
Net amount assessed in taxes	\$3,329,237 34

Special Assessments:—

Street Sprinkling	\$47,408 10	
Apportioned Betterment Assessments 1923	12 75	
Apportioned Betterment Assessments 1925	49 10	
Apportioned Betterment Assessments 1926	459 32	
Apportioned Sewer Assessments 1925	16 64	
Apportioned Sewer Assessments 1926	75 00	
Apportioned Sidewalk Assessments 1925....	20 02	
Unapportioned Betterment Assessments 1926	7,244 48	
Unapportioned Sidewalk Assessments 1926	2,047 09	
Unapportioned Sewer Assessments 1926	924 19	
Apportioned Interest Betterments	150 01	
Apportioned Interest Sewers	24 70	
Apportioned Interest Sidewalks	4 80	
Interest Unapportioned Betterments	339 34	
Interest Unapportioned Sidewalks	109 75	
Interest Unapportioned Sewers	38 94	
		<hr/>
		58,924 23
		<hr/>
Total commitment		\$3,388,161 57

Appropriations, classified under general headings, were made from revenue as follows:—

General Government	\$165,800 00
Protection of Persons and Property	641,230 00
Health and Sanitation	357,760 00
Highways	376,420 00
Charities	142,640 00
Soldiers' Benefits	45,450 00
Education	1,233,780 00
Libraries	80,460 00
Recreation	61,960 00
Unclassified	86,450 00
Municipal Indebtedness	253,150 00
Water Works	303,320 00
	<hr/>
Total Appropriations	\$3,748,420 00
Less estimated receipts and appropriation from Excess and Deficiency	983,311 67
	<hr/>
Raised by taxation	\$2,765,108 33

FUNDED DEBT, DECEMBER 31, 1927

	City Loan	City Hall Additions	Sewer Loan	Public Building Loan	Highway Loan	Lowell Metropolitan Street Bridge Loan	Park-Assess- ment Loan Chap. 325, 1902	School- house Loan	High School Loan	Total Maturities By Years
1928.....	\$17,000	\$8,000	\$18,000	\$16,000	\$32,000	\$1,000	\$1,000	\$44,000	\$50,000	\$187,000
1929.....	16,000	8,000	17,000	16,000	32,000	1,000	1,000	44,000	50,000	185,000
1930.....	15,000	8,000	16,000	16,000	28,000	1,000	.....	44,000	50,000	178,000
1931.....	12,000	8,000	16,000	15,000	22,000	1,000	.....	44,000	50,000	168,000
1932.....	9,000	8,000	14,000	15,000	17,000	1,000	.....	44,000	50,000	158,000
1933.....	.....	8,000	14,000	14,000	12,000	1,000	.....	43,000	50,000	142,000
1934.....	.....	7,000	14,000	14,000	12,000	1,000	.....	43,000	50,000	141,000
1935.....	.....	7,000	13,000	8,000	12,000	1,000	.....	43,000	50,000	134,000
1936.....	.....	7,000	6,000	4,000	.....	1,000	.....	43,000	50,000	111,000
1937.....	.....	7,000	6,000	4,000	.....	1,000	.....	43,000	50,000	111,000
1938.....	.....	7,000	4,000	.....	.....	1,000	.....	43,000	50,000	105,000
1939.....	.....	7,000	3,000	.....	.....	1,000	.....	43,000	50,000	104,000
1940.....	.....	7,000	2,000	.....	.....	1,000	.....	43,000	50,000	103,000
1941.....	.....	7,000	1,000	.....	.....	1,000	.....	43,000	50,000	102,000
1942.....	.....	7,000	1,000	.....	.....	1,000	.....	43,000	50,000	102,000
1943.....	.....	7,000	1,000	.....	.....	1,000	.....	15,000	50,000	74,000
1944.....	.....	.....	.....	.....	.....	1,000	.....	.....	50,000	51,000
1945.....	.....	.....	.....	.....	.....	1,000	.....	.....	50,000	51,000
1946.....	.....	.....	.....	.....	.....	1,000	.....	.....	50,000	51,000
1947.....	.....	.....	.....	.....	.....	1,000	.....	.....	50,000	51,000
1948.....	.....	.....	.....	.....	.....	1,000	.....	.....	.....	1,000
1949.....	.....	.....	.....	.....	.....	1,000	.....	.....	.....	1,000
	\$69,000	\$118,000	\$146,000	\$122,000	\$167,000	\$22,000	\$2,000	\$665,000	\$1,000,000	\$2,311,000

INTEREST REQUIREMENTS ON PRESENT CITY DEBT

	City	City Hall Additions	Sewer	Public Buildings	Highway	Bridges	Metropolitan Park	School- house	High School Loan	Total
1928.....	\$2,552 50	\$4,895 00	\$5,583 75	\$4,880 00	\$6,630 00	\$752 50	\$70 00	\$25,380 00	\$36,500 00	\$87,843 75
1929.....	1,897 50	4,575 00	4,876 25	4,220 00	5,230 00	717 50	35 00	24,220 00	34,750 00	80,521 25
1930.....	1,280 00	4,255 00	4,208 75	3,560 00	3,920 00	682 50	.....	22,460 00	33,000 00	73,366 25
1931.....	740 00	3,935 00	3,581 25	2,920 60	2,825 00	647 50	.....	20,700 00	31,250 00	66,598 75
1932.....	320 00	3,615 00	2,973 75	2,300 00	2,020 00	612 50	.....	18,940 00	29,500 00	60,281 25
1933.....	.....	3,295 00	2,421 25	1,700 00	1,440 00	577 50	.....	17,180 00	27,750 00	54,363 75
1934.....	.....	2,975 00	1,868 75	1,120 00	960 00	542 50	.....	15,460 00	26,000 00	48,926 25
1935.....	.....	2,677 50	1,336 25	620 00	480 00	507 50	.....	13,740 00	24,250 00	43,611 25
1936.....	.....	2,380 00	841 25	360 00	.....	472 50	.....	12,020 00	22,500 00	38,573 75
1937.....	.....	2,082 50	603 75	180 00	.....	437 50	.....	10,300 00	20,750 00	34,353 75
1938.....	.....	1,785 00	406 25	.....	.....	402 50	.....	8,580 00	19,000 00	30,173 75
1939.....	.....	1,487 50	268 75	.....	.....	367 50	.....	6,860 00	17,250 00	26,233 75
1940.....	.....	1,190 00	168 75	.....	.....	332 50	.....	5,140 00	15,500 00	22,331 25
1941.....	.....	892 50	106 25	.....	.....	297 50	.....	3,420 00	13,750 00	18,466 25
1942.....	.....	595 00	63 75	.....	.....	262 50	.....	1,700 00	12,000 00	14,621 25
1943.....	.....	297 50	21 25	.....	.....	227 50	.....	300 00	10,000 00	10,846 25
1944.....	.....	.....	.....	.....	.....	192 50	.....	.....	8,000 00	8,192 50
1945.....	.....	.....	.....	.....	.....	157 50	.....	.....	6,000 00	6,157 50
1946.....	.....	.....	.....	.....	.....	122 50	.....	.....	4,000 00	4,122 50
1947.....	.....	.....	.....	.....	.....	87 50	.....	.....	2,000 00	2,087 50
1948.....	.....	.....	.....	.....	.....	52 50	.....	.....	.....	52 50
1949.....	.....	.....	.....	.....	.....	17 50	.....	.....	.....	17 50
	\$6,790 00	\$40,932 50	\$29,330 00	\$21,860 00	\$23,505 00	\$8,470 00	\$105 00	\$207,000 00	\$393,750 00	\$731,742 50

MATURITIES ON FUNDED DEBT, 1928

Class of Loan	Jan. 1, 1928	April 1, 1928	July 1, 1928	Oct. 1, 1928	Total
City	\$2,000 00	\$8,000 00	\$7,000 00	.....	\$17,000 00
Sewers .....	.....	9,000 00	9,000 00	.....	18,000 00
Public Buildings	5,000 00	5,000 00	6,000 00	.....	16,000 00
Highway .....	.....	19,000 00	13,000 00	.....	32,000 00
Bridge .....	.....	1,000 00	.....	.....	1,000 00
Metropolitan Park .....	.....	.....	1,000 00	.....	1,000 00
Schoolhouse	15,000 00	16,000 00	.....	\$13,000 00	44,000 00
City Hall Additions .....	.....	.....	.....	8,000 00	8,000 00
High School .....	.....	.....	50,000 00	.....	50,000 00
Total	\$22,000 00	\$58,000 00	\$86,000 00	\$21,000 00	\$187,000 00

INTEREST REQUIREMENTS ON FUNDED DEBT, 1928

Class of Loan	Jan. 1, 1928	April 1, 1928	July 1, 1928	Oct. 1, 1928	Total
City	\$900 00	\$475 00	\$860 00	\$317 50	\$2,552 50
Sewers	1,090 00	1,790 00	1,090 00	1,613 75	5,583 75
Public Buildings	1,880 00	660 00	1,780 00	560 00	4,880 00
Highway	1,980 00	1,555 00	1,980 00	1,115 00	6,630 00
Bridge .....	.....	385 00	.....	367 50	752 50
Metropolitan Park	35 00	.....	35 00	.....	70 00
Schoolhouse	4,800 00	8,500 00	4,500 00	8,180 00	25,980 00
City Hall Additions .....	.....	2,447 50	.....	2,447 50	4,895 00
High School	18,250 00	.....	18,250 00	.....	36,500 00
Total	\$28,935 00	\$15,812 50	\$28,495 00	\$14,601 25	\$87,843 75

MATURITIES ON FUNDED DEBT (SIX YEARS)

Class of Loan	1923	1924	1925	1926	1927	1928	Total
City	\$41,500 00	\$25,500 00	\$23,000 00	\$19,000 00	\$19,000 00	\$17,000 00	\$145,000 00
Municipal	7,000 00	.....	.....	.....	.....	.....	7,000 00
Sewer	21,000 00	20,000 00	20,000 00	21,000 00	20,000 00	18,000 00	120,000 00
Public Buildings	18,000 00	18,000 00	18,000 00	18,000 00	17,000 00	16,000 00	105,000 00
Highway	46,000 00	46,000 00	35,000 00	43,000 00	35,000 00	32,000 00	237,000 00
Bridge	1,000 00	1,000 00	1,000 00	1,000 00	1,000 00	1,000 00	6,000 00
Metropolitan Park	1,000 00	1,000 00	1,000 00	1,000 00	1,000 00	1,000 00	6,000 00
Schoolhouse	30,000 00	45,000 00	45,000 00	45,000 00	45,000 00	44,000 00	254,000 00
City Hall Additions .....	.....	8,000 00	8,000 00	8,000 00	8,000 00	8,000 00	40,000 00
High School .....	.....	.....	.....	.....	.....	50,000 00	50,000 00
Total	\$165,500 00	\$164,500 00	\$151,000 00	\$156,000 00	\$146,000 00	\$187,000 00	\$970,000 00

INTEREST REQUIREMENTS ON FUNDED DEBT (SIX YEARS)

Class of Loan	1923	1924	1925	1926	1927	1928	Total
City	\$7,302 50	\$5,850 00	\$4,850 00	\$4,022 50	\$3,267 50	\$2,552 50	\$27,845 00
Municipal	315 00	.....	.....	.....	.....	.....	315 00
Sewer	7,091 25	6,278 75	5,506 25	7,168 75	6,346 25	5,583 75	37,975 00
Public Buildings	8,565 00	7,820 00	7,075 00	6,330 00	5,585 00	4,880 00	40,255 00
Highway	9,800 00	7,880 00	6,180 00	9,795 00	8,090 00	6,630 00	48,375 00
Bridge	927 50	892 50	857 50	822 50	787 50	752 50	5,040 00
Metropolitan Park	245 00	210 00	175 00	140 00	105 00	70 00	945 00
Schoolhouse	28,660 00	33,160 00	31,360 00	29,560 00	27,760 00	25,980 00	176,480 00
City Hall Additions .....	.....	6,175 00	5,855 00	5,535 00	5,215 00	4,895 00	27,675 00
High School .....	.....	.....	.....	.....	.....	36,500 00	36,500 00
Total	\$62,906 25	\$68,266 25	\$61,858 75	\$63,373 75	\$57,156 25	\$87,843 75	\$401,405 00

BORROWING CAPACITY DECEMBER 31, 1927

Valuation 1925	\$104,769,800 00	
Supplementary	12,600 00	\$104,782,400 00
Valuation 1926	109,262,400 00	
Supplementary	27,200 00	\$109,289,600 00
Valuation 1927	116,406,900 00	
Supplementary	25,500 00	116,432,400 00
Total three years		\$330,504,400 00
Abatements 1925	\$616,537 00	
Abatements 1926	671,034 00	
Abatements 1927	443,850 00	1,731,421 00
		\$328,772,979 00
Average valuation three years		109,590,993 00
Two and one-half per cent		2,739,774 82
Present debt within limit		2,309,000 00
Borrowing capacity December 31, 1927		\$430,774 82
Maturities:—		
January 1	\$22,000 00	
April 1	58,000 00	
July 1	\$86,000 00	
Less outside limit	1,000 00	85,000 00
October 1	21,000 00	186,000 00
		\$616,774 82

ABATEMENTS SPECIAL ASSESSMENTS PRIOR YEARS

Charges:	
Street Sprinkling	\$19 74
Credit:	
Excess and Deficiency	19 74

WATER CHARGES 1926 ABATED

Charges:	
Abatements	\$616 08
Credit:	
Excess and Deficiency	616 08

TELLERS' OVERS AND SHORTS

Charges:	
Shorts	\$89 87
Credit:	
Appropriation from Revenue	89 87

STATE INCOME TAXES

Credits:		
Cash from Commonwealth Account 1925	\$3,158 00	
Cash from Commonwealth Account 1926	23,685 00	
Cash from Commonwealth Account 1927	299,665 39	
		\$326,508 39
Charges:		
Estimate 1927	\$241,311 67	
Revenue 1927	85,196 72	
		\$326,508 39

CORPORATION TAXES

Credits:		
Cash from Commonwealth Account 1926	\$15,625 56	
Cash from Commonwealth Account 1927	109,376 99	
		\$125,002 55
Charges:		
Estimate 1927	\$100,000 00	
Revenue 1927	25,002 55	
		125,002 55

NATIONAL BANK TAX

Credits:		
Cash from Commonwealth Account 1926	\$1 26	
Cash from Commonwealth Account 1927	1,399 66	
Revenue Deficit	99 08	
		\$1,500 00
Charges:		
Estimate 1927		1,500 00

SALE OF LAND

Credits:

Balance from 1926 account	\$1,977 68	
Cash, sale of land Cameron Avenue	600 00	
sale of land Cutler Street	300 00	
sale of land Fountain Avenue	1,700 00	
	<hr/>	\$4,577 68

Charges:

Tax Title Account, adjustment on account of land sold		335 17
		<hr/>
Balance to 1928 account		\$4,242 51

TAX TITLES

Charges:

Balance from 1926 account	\$1,653 14	
Taxes 1926	30 15	
Tax Titles Acquired	1,373 88	
	<hr/>	\$3,057 17

Credits:

Cash refund, Land Court	\$10 00	
Cash, redemption of title	11 59	
Sale of land acquired by tax title	335 17	
	<hr/>	356 76
		<hr/>
Balance to 1928 account		\$2,700 41

TAILINGS

Credits:

Balance from 1926 account	\$706 62	
Cash, sundry persons	87 57	
	<hr/>	
Balance to 1928 account		\$794 19

PREMIUMS ON BONDS

Credit:

Premium on High School Loan	\$6,440 00	
	<hr/>	
Balance to 1928 account		\$6,440 00

ACCRUED INTEREST ON BONDS

Credit:

Accrued interest High School Loan	\$7,908 32	
	<hr/>	
Balance to 1928 account		\$7,908 32

SPECIAL ASSESSMENTS RESERVED

Credits:

Balance from 1926 account	\$37,351 49	
Street Sprinkling Assessment	47,408 10	
Sidewalk Assessments	7,514 25	
Sewer Assessments	2,341 73	
Highway Betterment Assessments	8,681 80	
	<hr/>	\$103,297 37

Charges:

Abatement Sewer Assessment	\$100 00	
Committed Unapportioned Assessments	10,215 76	
Committed Apportioned Assessments	632 83	
Estimated Revenue	73,058 20	
		<hr/>
		\$84,006 79
Balance to 1928 account		<hr/>
		\$19,290 58

REDEMPTION OF TAX TITLES**Credit:**

Cash received	\$2,559 62
---------------------	------------

Charges:

Cash paid, titles redeemed	2,559 62
----------------------------------	----------

OVERLAY ACCOUNTS**Overlay 1925****Credits:**

Balance from 1926 account	\$478 52	
Tax paid after abatement	41 10	
		<hr/>
		\$519 62

Charges:

Abatements	\$107 16	
Reserve, Surplus Overlay	412 46	
		<hr/>
		519 62

Overlay 1926**Credit:**

Balance from 1926 account	\$9,239 43
---------------------------------	------------

Charges:

Abatements	\$7,453 90	
Reserve, Surplus Overlay	1,597 69	
		<hr/>
		9,051 59

Balance to 1928 account	\$187 84
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Overlay 1927**Credit:**

Taxes 1927	\$27,391 50
------------------	-------------

Charges:

Abatements	13,646 11
------------------	-----------

Balance to 1928 account	\$13,745 39
-------------------------------	-------------

RESERVE FUND, SURPLUS FROM OVERLAY**Credits:**

Balance from 1926 account	\$30,229 84	
Overlay 1925 Surplus	412 46	
Overlay 1926 Surplus	1,597 69	
		<hr/>
Balance to 1928 account		\$32,239 99

EXCESS AND DEFICIENCY

Credits:

Balance from 1926 account	\$213,787 58	
Refunds 1926 accounts	276 45	
Adjustment 1926 State Aid charge to Commonwealth	6 00	
Excess Revenue 1927	189,021 61	
		<u>\$403,091 64</u>

Charges:

General Appropriations	\$20,000 00	
Outlay Appropriations	110,100 00	
Appropriated to Reduce Taxes 1927	50,000 00	
Refund Tax Title	12 92	
Refunds Street Railway, National Bank and Corporation Taxes, Prior Years	949 32	
Adjustment Military Aid charge to Com- monwealth 1926	27 50	
Abatement Special Assessments, Prior Years	19 74	
Water Charges 1926 Abated	616 08	
		<u>181,725 56</u>
Balance to 1928 account		<u>\$221,366 08</u>

CLASSIFICATION OF RECEIPTS AND EXPENDITURES

Receipts

General Revenue

Taxes:—

Taxes 1927	\$2,719,319 71
Taxes 1926	540,676 09
Taxes 1925	490 70

From State:—

Corporations, Prior Years	15,625 56
Corporations 1927	109,376 99
National Bank, Prior Years	1 26
National Bank 1927	1,399 66
Street Railway	17,720 20
Income, Prior Years	26,843 00
Income 1927	299,665 39
Excise Tax, Ship Owners	9 65

Licenses and Permits:—

Licenses:—

Dealers in Motor Vehicles	1,400 00
Amusement	649 00
Junk	530 00
Milk	567 50
Pool, Billiards and Bowling	370 00
Sunday	1,334 00
Innholders and Victuallers	297 00
Pedlers	1,165 00
All Other	2,486 37

Permits:—

Marriage	1,285 00
Buildings	2,219 00
Electrical Department	3,907 00
All Other	655 00

Fines and Forfeits:—

Court Fines	29,975 80
Departmental Penalties	324 50

Grants and Gifts:—

From State:—

Vocational School	12,785 44
Continuation School	3,899 39
Americanization	2,998 68
Smith-Hughes Fund	3,902 79
Outside Tuition	4,015 23

From County:—

Dog Licenses	2,590 45
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From Individuals:—

Thomas J. Buffum	1,000 00
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All Other General Revenue:—

Sale of Land	2,600 00	
From State:—		
Boston Elevated Railway Deficit	2,563 44 ✓	
In Lieu of Taxes	86 69 ✓	
Electrolysis	500 00 ✓	
Bankruptcy Dividend	16 04 ✓	
Conscience Fund	9 00 ✓	
	<hr/>	
Total General Revenue		\$3,815,260 53

Commercial Revenue, Special Assessments

For Expenses:—

Street Sprinkling 1927	37,818 78	
Street Sprinkling 1926	7,812 90	
Committed Apportioned Sewers	91 64	
Committed Apportioned Sidewalks	20 02	
Committed Apportioned Highways	723 53	
Committed Unapportioned Sidewalks	527 35	
Committed Unapportioned Highways	3,081 94 ✓	

For Outlays:—

Sewers 1926	3,915 84 ✓	
Sidewalks 1926	4,735 17	
Sidewalks 1927	2,186 37	
Highways 1926	14,421 52	

Total Commercial Revenue—

Special Assessments		\$75,335 06
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Commercial Revenue, Departmental

General Government:—

Treasurer,—Fees	\$818 55	
Costs	5,322 67	
Assessors	9 70 ✓	
City Clerk	2,279 55 ✓	
Engineers	2 85	
Commissioner of Buildings, Appeal Fees	430 00	

Protection of Persons and Property:—

Police,—Sale of Materials	444 97	
All Other	30 57	
Fire Department, Old Apparatus	1,508 35	
Sealer of Weights and Measures	963 06	

Health and Sanitation:—

Contagious Hospital	6,251 60 ✓
Health Department	1,077 93 ✓
Inspection	189 00 ✓
All Other	14 40 ✓
Collection of Ashes and Waste	2,794 10 ✓
Incinerator	400 00 ✓
Sanitary Buildings	592 58 ✓

Highways:—

Labor and Materials	15,944 89
Sale of Old Equipment	37 75
Sidewalks, For Maintenance	14 73
For Outlay	23 29
Sprinkling Private Ways	23 64

Charities:—

Almshouse:—	
Sale of Produce	2,628 11
Board of Inmates	5,515 67
All Other	42 45
Outside Relief:—	
Individuals	700 89
Cities and Towns	7,905 99
State	10,906 94
Mothers' Aid:—	
Cities and Towns	1,751 29
State	11,342 38

Soldiers' Benefits:—

State Aid	4,586 00 ✓
Military Aid	1,723 25 ✓
Soldiers' Burials	60 00 ✓

Education:—

Tuition State Wards	3,297 72 ✓
Other Tuition	11,495 59 ✓
School Department, Miscellaneous	46 14
Rent High School Hall	288 00
School Buildings	830 60

Libraries:—

Fines, Lost Books, etc.	2,360 80 ✓
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Recreation:—

Shower Baths	558 65 ✓
Bathhouse	272 50 ✓

Unclassified:—

Tailings	87 57 ✓
Tax Title	11 59 ✓

Total Commercial Revenue, Depart-
mental

\$105,586 31

Commercial Revenue, Public Service Enterprises

Water Department:—

Sale of Water:—

Metered 1927	\$264,877 37
Metered 1926	39,222 65
Additional	1,397 84
Service Assessments	9,558 24
Maintenance Bills	12,922 76

Total Commercial Revenue, Public Service Enterprises	\$327,978 86
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Commercial Revenue, Interest

Deposits, City Treasurer, General	\$10,521 29 ✓
Treasurer, Certificates of Deposit	7,837 11 ✓
Deposit, City Clerk	1 05 ✓
Taxes	18,840 08 ✓
Special Assessments	353 83
Apportioned Assessments	123 01
Unapportioned Committed Assessments ...	169 59
Trust Funds:—	
School	229 50
Library	842 29
Poor	75 05

Total Commercial Revenue, Interest	\$38,992 80
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Municipal Indebtedness

Temporary Loans	\$2,350,000 00 ✓
High School Loan	1,000,000 00 ✓
Premiums	6,440 00

Total Municipal Indebtedness	\$3,356,440 00
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Agency, Trust and Investment

Agency:—

Liquor Licenses for State	\$4 75 ✓
Redemption of Tax Titles	2,559 62 ✓

Total Agency, Trust and Investment	\$2,564 37
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Refunds

General Appropriations	\$1,620 58
General Appropriations, Prior Years	276 45
Outlay Appropriations	117 84
Soldiers' Benefits	1,212 00
Accrued Interest	7,908 32
Cash Advance, City Home	100 00
Cash Advance, Soldiers' Benefits	100 00
Land Court, Tax Title Account	10 00

Total Refunds	\$11,345 19 ✓
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Total Receipts	\$7,733,503 12
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EXPENDITURES

General Government

	Expenses	Outlays
Board of Aldermen Expenses		
Books, postage and supplies	316 00	
Printing and advertising....	111 50	
Refreshments	1,147 08	
Badges	29 61	
Gavel	9 64	
All other	25	
	<hr/>	
	1,614 08	
Clerk of Committees Department		
Salaries and Wages:—		
Clerk	2,500 00	
Assistant Clerk	900 00	
Assistant at Board meet- ings	105 00	
Other Expenses:—		
Books, postage and sup- plies	103 41	
Printing and advertising	3 50	
Telephone	97 67	
All other	7 00	
	<hr/>	
	3,716 58	
Executive Department		
Salaries and Wages:—		
Mayor	5,000 00	
Secretary	1,800 00	
Clerk	1,295 09	
Other Expenses:—		
Auto Maintenance	400 00	
Books, postage and sup- plies	382 13	
Printing and advertising	62 00	
Telephone	153 15	
Contingent Expenses	453 30	
All other	30 08	
	<hr/>	
	9,575 75	
Auditing Department		
Salaries and Wages:—		
Auditor	4,000 00	
Clerks	2,726 17	
Other Expenses:—		
Books, postage and sup- plies	378 70	
Printing and advertising	346 25	
Telephone	70 83	
Binding	57 00	
All other	18 00	
Special Items:—		
Monroe Calculating Ma- chine	325 00	
Machine Stand	15 00	
Convention Expenses.....	16 98	
	<hr/>	
	7,953 93	

Expenses

Outlays

Treasury Department

Salaries and Wages:—

Treasurer and Collector	4,300 00
Deputy Collector	2,400 00
Cashiers	3,065 35
Clerks	12,936 52
Tax Investigator	285 00

Other Expenses:—

Books, postage and supplies	3,191 21
Printing and advertising	909 41
Telephone	200 14
Bonds	864 37
Brink's Express	306 05
All other	58 43

Special Items:—

Accumulator Machines....	695 00
Filing Cabinets	34 00
Machine Stands	60 00
Insurance	10 25
Adding Machine	98 00

29,413 73
Assessors' Department

Salaries and Wages:—

Chairman	3,300 00
Assessors	5,800 00
Assistant Assessors	1,925 00
Clerks (Office)	9,608 00
Clerks (Street).....	600 00

Other Expenses:—

Books, postage and supplies	1,023 29
Printing and advertising	2,968 30
Carfares, Disbursements and Auto Hire.....	42 42
Telephones	67 12
All other	21 30

25,355 43
Licensing Commission

Salaries and Wages:—

Commissioners	900 00
Secretary	300 00
Inspector	200 00
Assistant	240 00
Clerk	1,182 58

Other Expenses:—

Books, postage and supplies	135 72
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2,958 30

		Expenses	Outlays
Pedlers' License Commission			
Books, postage and supplies	10 03		
Printing	14 50		
	<hr/>	24 53	
Certification of Notes and Bonds			
Certifying	1,825 00		
	<hr/>	1,825 00	
City Clerk's Department			
Salaries and Wages:—			
City Clerk	4,000 00		
Assistant City Clerk.....	2,100 00		
Clerks	5,165 52		
Other Expenses:—			
Books, postage and supplies	616 00		
Printing and advertising	162 75		
Binding	36 75		
Equipment and repairs	8 70		
Telephone	262 02		
All other	17 53		
	<hr/>	12,369 27	
Registration of City Laborers			
Salaries and Wages:—			
Registration Clerk.....	450 00		
Other Expenses:—			
Stationery and postage	27 30		
	<hr/>	477 30	
Law Departemnt			
Salaries and Wages:—			
City Solicitor	3,100 00		
Assistant City Solicitor	1,150 00		
Inspector	100 00		
	<hr/>		
Carried forward	4,350 00		

		Expenses	Outlays
Brought forward	4,350 00		
Other Expenses:—			
Books, postage and supplies	84 00		
Clerical Hire	160 00		
Telephone	30 00		
Service Fees	49 40		
Photos	27 00		
	<hr/>	4,700 40	

City Messenger's Department

Salaries and Wages:—			
Messenger	2,700 00		
Other Expenses:—			
Stationery and postage	12 00		
Auto Maintenance.....	800 00		
Telephone	26 33		
Carfares	21 40		
	<hr/>	3,559 73	

Engineering Department

Salaries and Wages:—			
City Engineer	3,636 99		
Assistants	8,500 14		
Clerks	1,363 58		
Other Expenses:—			
Supplies, printing and postage	436 47		
Telephone	126 15		
Auto Maintenance	729 03		
Instruments and equipment	29 11		
Carfares	52 22		
Special Items:—			
Calculating Machine.....	475 00		
Transit	375 00		
	<hr/>	15,723 74	

**Public Buildings Department,
Commissioner of Public Buildings**

Salaries and Wages:—		
Commissioner	3,600 00	
Building Inspector	2,504 00	
Inspector of Plumbing....	2,300 00	
Clerks	2,725 08	
	<hr/>	
Carried forward	11,129 08	

		Expenses	Outlays
Brought forward	11,129 08		
Other Expenses:—			
Books, postage and supplies	336 12		
Printing and advertising	164 00		
Telephone	195 60		
Binding	13 00		
Auto Maintenance.....	625 00		
All other	12 60		
Special Items:—			
Settlement of Claim for demolishing houses	50 00		
Indexing Building Ordinance	175 00		
Printing Ordinances	420 00		
	<hr/>	13,120 40	

**Public Buildings Department,
Maintenance Municipal Buildings**

Salaries and Wages:—			
Janitors	7,065 48		
Labor	1,011 02		
Other Expenses:—			
Fuel	1,000 00		
Light	1,299 89		
Furniture and furnishings	387 09		
Janitors' supplies	341 30		
Repairs to buildings	383 65		
Heating Apparatus and Equipment	41 35		
Plumbing and supplies..	21 92		
Hardware and materials	108 41		
Ice	182 81		
All other	71 77		
Special Items:—			
Screens	262 00		
Painting City Hall.....	675 00		
Finishing Floors	395 21		
Filing Cases	469 37		
Cabinet	26 00		
Typeing Tables	35 00		
Safe Equipment	79 00		
	<hr/>	13,856 27	

City Planning Board

Telephone	28 93
Refreshments	100 00
	<hr/>

128 93

Expenses

Outlays

Board of Appeal**Salaries and Wages:—**

Chairman	120 00
Secretary	150 00
Asst. Secretary	700 00
Members of Board.....	325 00

Other Expenses:—

Printing and advertising	62 00
Supplies and postage....	92 20

Special Items:—

Equipment for Filing	
Cabinet	20 22
Typewriter	65 00

 1,534 42
Election Expenses, City Clerk**Salaries and Wages:—**

Clerks	864 07
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Other Expenses:—

Equipment, supplies, stationery and postage....	681 65
Posting, printing and advertising	994 01
Carfares and auto hire....	227 50
Refreshments	100 78

 2,868 01
Election Expenses, Registrars of Voters**Salaries and Wages:—**

Registrars	1,595 47
Clerks	2,863 93

Other Expenses:—

Stationery, postage and supplies	146 53
Printing and advertising	1,414 85
Refreshments	25 50
Car hire	52 91
Registers	95 00
Posting	43 15

 6,237 34
Election Expenses, Pay of Election Officers**Salaries and Wages:—**

Wardens	720 00
Inspectors	2,400 00
Clerks	720 00

 3,840 00

		Expenses	Outlays
Public Buildings Department, Maintenance Polling Places			
Labor	196 73		
Teaming	100 75		
Fuel and Light.....	31 00		
Rent Halls	105 00		
Repairs buildings	60 08		
Hardware and materials	6 00		
Lumber	22 93		
Equipment	60 64		
Installing and removing electrical service	62 95		
Moving booths	320 00		
	<hr/>	966 08	✓

PROTECTION OF PERSONS AND PROPERTY

Police Department

Salaries and Wages:—

Chief	3,600 00
Captains and Lieuten- ants	15,392 82
Sergeants and Inspec- tors	15,156 56
Patrolmen	209,445 04
Special Police	5,898 00
Matrons	1,228 02
Other employees	6,009 65

Equipment and Repairs:—

Motorcycle and auto maintenance	2,374 31
New Equipment	34 30
Equipment for men.....	850 77
Miscellaneous supplies....	65 94

Other Expenses:—

Books, printing, postage and supplies	488 23
Care of prisoners	226 30
Telephone	837 32
Laundry	194 79
Travel and disburse- ments	2,448 85

Reimbursements for in- juries, etc.

Express	25 00
Express	45 03
All other	17 20

Special Items:—

Traffic Stands	130 00
New Auto	1,571 92
Convention Expenses	108 38
New Patrol Wagon.....	2,700 00

268,848 43 ✓

**Public Buildings Department,
Maintenance Police Buildings**

Expenses

Outlays

Salaries and Wages:—

Janitors	2,740 34
Labor	425 29

Maintenance of Buildings:—

Fuel	1,008 10
Light	999 07
Janitors' supplies	110 91
Furniture and furnish- ings	138 00
Repairs to buildings.....	21 78
Heating apparatus and equipment	66 65
Hardware and materials	47 91
Plumbing and supplies..	41 35
Care of Grounds.....	23 00
Ice	58 46
All other	3 50

5,684 36 ✓

Fire Department

Salaries and Wages:—

Chief Engineer	3,600 00
Assistant Engineers.....	8,800 00
Firemen	279,826 95

Equipment and Repairs:—

Apparatus and equip- ment	3,052 34
Hose	1,442 29
Equipment for Men.....	409 93
Power	8 32
Hardware, tools, etc.....	322 53

Other Expenses:—

Books, printing, postage and supplies	129 92
Telephone	910 24
Janitors' supplies	428 77
Furnishings	102 28
Laundry work	596 93
Ice	96 72
Express and all other....	60 28

Supplies:—

Grease and oil.....	159 15
Gasoline	1,132 37
Soda and acid.....	239 10
All other	46 72

Special Item:—

Inspection Expenses.....	43 85
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301,408 69 ✓

		Expenses	Outlays
Public Buildings Department, Maintenance Fire Buildings			
Salaries and Wages:—			
Labor	1,675 46		
Other Expenses:—			
Fuel	2,896 26		
Light	3,454 22		
Furniture and furnish- ings	285 63		
Repairs to buildings.....	1,218 58		
Janitors' supplies.....	149 47		
Heating apparatus and other equipment	457 23		
Plumbing supplies.....	148 73		
Hardware and materials	604 54		
Teaming	50 70		
All other	10 10		
Special Item:—			
New dormitory, Engine			
Two House	1,211 33		
	<hr/>	12,162 25 ✓	
Fire Dept., Additional Apparatus			
Apparatus	13,000 00		
	<hr/>		13,000 00 ✓
Weights and Measures Department			
Salaries and Wages:—			
Sealer	2,400 00		
Assistant	1,721 50		
Miscellaneous Labor.....	16 00		
Other Expenses:—			
Books, stationery and postage	53 75		
Printing and advertising	3 00		
Equipment and supplies	106 10		
Telephone	49 55		
Auto maintenance.....	172 62		
All other.....	10 00		
Special Item:—			
Ford Automobile.....	401 00		
	<hr/>	4,933 52 ✓	
Electrical Department			
Salaries and Wages:—			
Commissioner	3,100 00		
Assistant Inspector.....	2,399 67		
Clerk	1,152 58		
Labor	14,714 80		
	<hr/>		
Carried forward	21,367 05		

		Expenses	Outlays
Brought forward	21,367 05		
Other Expenses:—			
Fire Alarm System.....	1,307 49		
Police Signal System.....	671 28		
Auto maintenance.....	1,045 91		
Telephone	196 18		
Books, printing, postage and supplies	252 49		
Equipment and repairs..	6 48		
All other	63 65		
	<hr/>	24,910 53	

Public Buildings Department, Maintenance
Electrical Department Buildings

Janitor	1,273 02		
Fuel	857 94		
Light	104 65		
Furniture and furnish- ings	9 50		
Repairs to building.....	52 97		
Heating apparatus and equipment	45 37		
Janitors' supplies	5 59		
Special Item:—			
Desk	49 00		
	<hr/>	2,398 04	✓

Underground Construction

Cable and Wire.....	441 12		
Castings	165 00		
Contract Labor	6 44		
	<hr/>		612 56 ✓

Highways, Suppression of Moths

Labor	4,407 74		
Hired teams and trucks	258 99		
Hardware, tools and equipment	49 85		
Insecticides and Spray- ing	182 06		
	<hr/>	4,898 64	

Highway Department, Care of Trees

Labor	5,227 71		
Teams and trucks.....	878 10		
Equipment and tools....	110 83		
Lumber and materials....	269 50		
Use of steam roller.....	12 25		
	<hr/>	6,498 39	✓

HEALTH AND SANITATION

	Expenses	Outlays
Health Department		
General Administration:—		
Agent	2,000 00	
Clerks	3,487 67	
Medical Inspector and Bacteriologist	3,000 00	
Acting Medical Inspector	120 00	
Technician	650 00	
Health Nurses	4,350 00	
Books, printing and postage	345 88	
Carfares, etc.	387 34	
Telephone	436 85	
Quarantine and Contagious Diseases:—		
Cities and Towns	2,014 56	
Other Institutions.....	410 53	
Tuberculosis:—		
Board and Treatment:—		
Cities and Towns.....	3,011 00	
State	1,459 97	
Other Institutions	1,656 80	
Groceries and Provisions	712 76	
Other Expenses:—		
Equipment and supplies	90 53	
Medicine and Medical attendance	85 98	
Auto and ambulance maintenance	588 66	
Burying dead animals....	122 25	
All other	9 13	
Special Item:—		
Convention Expenses.....	135 04	
	<hr/>	25,074 95 ✓
City Clerk's Department, Vital Statistics		
Canvassing and report- ing births	802 35	
Reporting deaths	91 00	
Postage and supplies.....	11 36	
	<hr/>	904 71 ✓
Contagious Hospital		
Salaries and Wages:—		
Matron	1,500 00	
Nurses and other help..	10,494 31	
	<hr/>	
Carried forward	11,994 31	

		Expenses	Outlays
Brought forward	11,994 31		
Other Expenses:—			
Medical Attendance.....	100 00		
Drugs and medicines.....	188 57		
Bedding, dry goods and clothing	411 25		
Laundry	25 14		
Groceries and provisions	6,235 22		
Equipment and supplies	639 23		
Telephone	87 61		
Electrical power	102 98		
Ice	112 04		
All other	13 63		
	<hr/>	19,909 98	

**Public Buildings Department, Maintenance
Contagious Hospital**

Salaries and Wages:—			
Janitor and Labor.....	776 57		
Other Expenses:—			
Fuel	1,172 12		
Light	826 40		
Furniture and furnish-ings	299 01		
Repairs to buildings.....	221 96		
Janitors' supplies	7 00		
Heating apparatus and equipment	64 75		
Plumbing and supplies...	51 10		
Hardware and materials	72 75		
All other	8 80		
Special Items:—			
Insurance	225 40		
Boiler	175 00		
	<hr/>	3,900 86	

Inspection of Animals and Provisions

Salaries and Wages:—			
Inspector	2,500 00		
Other Expenses:—			
Telephone	39 97		
Auto maintenance	300 00		
	<hr/>	2,839 97	

Inspection of Milk and Vinegar

Salaries and Wages:—			
Inspector	3,000 00		
Milk Collector and Dairy Inspector	2,000 00		
Technician	650 00		
	<hr/>		
Carried forward	5,650 00		

		Expenses	Outlays
Brought forward	5,650 00		
Other Expenses:—			
Books, printing and postage	84 40		
Auto maintenance	600 00		
Equipment and supplies	167 60		
Dairy Inspection	225 32		
All other	3 50		
Special Item:—			
Convention Expenses	86 71		
	<hr/>	6,818 13	

Inspection of School Children

Salaries and Wages:—			
Inspectors	1,596 18		
Other Expenses:—			
Books, printing, postage and supplies	17 75		
Carfares	72 61		
	<hr/>	1,686 54	

School Nurses' Salaries

Salaries and Wages:—			
Nurses	2,850 00		
	<hr/>	2,850 00	

Sewers Construction

Salaries and Wages:—			
Labor	2,247 24		
Other Expenses:—			
Teaming	1,025 76		
Pipe and fittings.....	3,316 55		
Brick and cement.....	1,641 01		
Sand	117 90		
Castings	1,192 77		
Other Materials.....	1,127 04		
Contract Work:—			
Constructing sewers, drains and catch basins	20,994 88		
All other	5 87		
	<hr/>		

31,669 02

Engineering Department, Sewers Maintenance

Salaries and Wages:—

Inspector	1,086 32
Labor	12,763 83

Other Expenses:—

Teaming	9,681 27
Tools and equipment.....	350 66
Brick and cement	73 15
Other materials and supplies	82 78
Care of Medford Street Pump	247 03
Telephone	87 46
Repairs	364 63

Special Item:—

Repairs Tide Gate and Floats	1,104 63
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 25,841 76

Public Buildings Department, Maintenance Sewer Buildings

Salaries and Wages:—

Labor	115 75
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Other Expenses:—

Fuel	80 77
Light	43 38
Repairs to building.....	29 02
Plumbing	7 81
Lumber and materials....	61 73

 338 46

Sanitary Department

General Administration:—

Superintendent	2,700 00
Bookkeeper	300 00
Printing and stationery....	4 25
Telephone	82 40
Auto maintenance	597 28

Ashes, Rubbish and Garbage:—

Labor	90,816 45
Hired teams and trucks	70,606 48
Equipment and repairs..	360 00
Rent of dump.....	1,591 00
Materials and supplies....	51 90
Garbage contract.....	38,400 00

 Carried forward 205,509 76

		Expenses	Outlays
Brought forward	205,509 76		
Stable Expenses:—			
Shoeing	275 35		
Stable equipment	67 75		
Board of horses.....	1,431 00		
All other	35		
Special Item:—			
Care of Dump.....	1,149 69		
	<hr/>	208,433 90	✓

Public Buildings Department, Maintenance Sanitary Buildings

Labor	365 82		
Fuel	53 30		
Light	138 43		
Plumbing and supplies...	15 50		
Lumber and materials...	648 93		
Heating apparatus and equipment	145 69		
Repairs to buildings.....	62 46		
Special Item:—			
Repairs to roof of shed	275 00		
	<hr/>	1,705 13	✓

Highways, Street Cleaning

Labor	23,304 47		
Hired teams and trucks	4,348 18		
Sweeper Maintenance.....	1,259 36		
Supplies	77 62		
Gasoline	443 35		
All other	1 02		
	<hr/>	29,434 00	✓

HIGHWAYS

Highway Maintenance

General Administration:—			
Commissioner	3,600 00		
Bookkeeper and Clerk...	3,475 92		
Books, printing, postage and supplies	260 38		
Telephone	315 84		
Maintenance Commis- sioner's Auto.....	254 09		
All other	24 05		
	<hr/>		
Carried forward	7,930 28		

		Expenses	Outlays
Brought forward	7,930 28		
General:—			
Labor	84,105 81		
Hired Teams and Trucks	2,045 75		
Tools, equipment and repairs	1,883 01		
Autos and supplies.....	6,911 60		
Broken stone, gravel, etc.	5,634 18		
Edgestone, bricks and cement	371 79		
Lumber	161 76		
Cold Patch and Binder	3,607 35		
Fuel	311 61		
Oil and waste.....	1,053 87		
Steam rollers	558 51		
Hardware, paint and varnish	1,609 08		
Other materials and supplies	654 26		
Hay, grain and straw....	6,655 76		
Shoeing	550 90		
Veterinary and medicine	370 65		
Harnesses and horse clothing	247 43		
Horses	225 00		
All other	27 38		
Other Expenses:—			
Traffic Lights and Signs	849 54		
Special Items:—			
Tractor and Plow.....	2,000 00		
Trucks	353 50		
Rent of R. R. Track and Land	13 50		
Mixer	118 75		
Gasoline Engine	255 42		
	<u>128,506 69</u>		
Less Service Transfers for teaming, use of roller and horses	15,947 21		
	<u>112,559 48</u>		
Highway Construction, New Streets			
Labor	12,633 37		
Hired teams and trucks	1,220 64		
Use of roller.....	527 25		
Contracts	4,460 67		
Tarvia	4,011 84		
Advertising, Recording, etc.	70 87		
Carried forward	<u>22,924 64</u>		

		Expenses	Outlays
Brought forward	22,924 64		
Edgestones, crushed stones and circles.....	9,549 36		
Equipment	101 63		
Other materials	1,040 99		
All other	58 10		
			33,674 72 ✓

Highway Construction, Permanent Pavement

Labor	1,213 65		
Contracts	139,900 72		
Hired teams and trucks	251 45		
Use of Roller and Mixer	7 00		
Brick, stone and cement	892 95		
All other	67 00		
Special Item:—			
Use of Land.....	91 80		
			142,424 57 ✓

Highway, Reconstruction and Resurfacing

Labor	8,294 85		
Hired teams and trucks	809 46		
Use of roller.....	1,024 75		
Tools and equipment.....	592 15		
Road Binders	8,867 44		
Brick, stone and cement	9,256 64		
Other materials.....	119 77		
			28,965 06 ✓

Sidewalks Construction

Labor	8,859 28		
Hired teams and trucks	1,140 80		
Contracts	1,250 00		
Stone, brick and cement	2,392 74		
Edgestone	758 60		
Mixer	264 00		
Other materials	1,316 34		
Equipment	299 11		
Recording	16 28		
			16,297 15 ✓

Sidewalks Maintenance

Labor	7,359 74		
Hired teams and trucks	1,245 86		
Stone, brick and cement	2,185 04		
Equipment	17 00		
Other materials and sup- plies	355 93		
Use of mixer.....	32 25		
			11,195 82 ✓

		Expenses	Outlays
Street Sprinkling			
Labor	9,215	39	
Hired teams and trucks	2,451	64	
Equipment and repairs..	1,294	21	
Gasoline	191	60	
Hardware and materials	32	71	
Oil and other dust lay- ers	16,503	39	
Maintenance water posts and hydrants	227	23	
Use of car sprinkler.....	5,850	00	
Gravel	2,130	45	
Use of roller.....	7	00	
All other	17	09	
	<u>37,920</u>	71	
Less Service Transfers for Use of Sprinkler	1,691	00	
	<u>36,229</u>	71	

Street Lighting

Electricity	81,129	01	
Spot Lights	82	68	
Traffic Signals	35	25	
Memorial Tablet.....	9	00	
All other	4	00	
	<u>81,259</u>	94	

**Public Buildings Department, Maintenance
Highway Buildings**

Labor	156	12	
Fuel	884	04	
Light	281	87	
Hardware and materials	62	00	
Lumber	129	32	
Plumbing supplies	8	42	
Repairs to buildings.....	291	97	
Heating apparatus and equipment	271	96	
Furniture and furnish- ings	9	98	
All other	3	75	

Special Item:—

Construction of garage shed	<u>1,148</u>	00	
	<u>3,247</u>	43	

CHARITIES

Welfare Department, Miscellaneous		Expenses	Outlays
General Administration:—			
Agent	2,700 00		
Visitor	1,304 75		
Clerk	1,292 00		
Books, printing, postage and supplies	113 97		
Telephone	154 38		
Outside Relief:—			
City Physician	2,337 50		
Acting City Physician....	310 30		
Auto maintenance	218 00		
Board and care.....	1,765 77		
Cash	48,966 54		
Cash Allowance	1,195 75		
Groceries and provisions	2,528 36		
Medicine and medical at- tendance	417 48		
Nursing	95 25		
State Institutions.....	6,648 68		
Other Institutions	208 28		
Somerville Hospital	10,000 00		
Burials	523 00		
Relief by other Cities or Towns:—			
Cities	14,334 59		
Towns	454 26		
Mothers' Aid:—			
By City	36,832 00		
Other Cities or Towns....	2,708 81		
Taxi and ambulance hire	36 00		
		135,145 67	
Welfare Department, City Home			
Salaries and Wages:—			
Matron	1,200 00		
Bookkeeper	150 00		
Domestic labor	3,469 72		
Farm labor	4,262 71		
Other Expenses:—			
Auto maintenance	51 68		
Groceries and provisions	4,737 89		
Clothing	492 33		
Medicine and hospital goods	76 12		
Household furnishings and supplies	216 95		
Farm equipment and supplies	236 92		
Carried forward	14,894 32		

		Expenses	Outlays
Brought forward	14,894 32		
Live stock and care	27 00		
Hay, grain and feed.....	365 34		
Horse shoeing.....	61 30		
Harnesses and horse clothing	1 50		
Seeds and fertilizer.....	87 37		
Books, printing, station- ery and postage.....	40 41		
Telephone	117 04		
Power	48 31		
Ice	124 09		
Disinfectant and sprayer	21 10		
All other	141 67		

Special Item:—

Installing heating, Flow- er House	135 00
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16,064 45 ✓

Public Buildings Department, Maintenance City
Home Buildings

Labor	971 29
Fuel	1,061 32
Light	238 92
Furniture and furnish- ings	280 11
Repairs to buildings.....	262 62
Plumbing and supplies...	477 57
Heating apparatus and equipment	210 97
Hardware and materials	398 12
All other	24 50

Special Items:—

Insurance	128 32
Installing Lights	164 46
Refrigerator	570 00

4,788 20 ✓

SOLDIERS' BENEFITS

Soldiers' Benefits, General Administration

Salaries and Wages:—

Agent	300 00
Clerk	1,225 92
Other Expenses.....	23 51

1,549 43 ✓

		Expenses	Outlays
Soldiers' Relief			
Cash as per pay rolls....	35,530 30		
Medicine and Medical Attendance	184 25		
Groceries	463 40		
All other	83 69		
	<hr/>	36,261 64	✓
State Aid			
Cash as per pay rolls....	4,384 00		
	<hr/>	4,384 00	✓
Military Aid			
Cash as per pay rolls....	3,511 00		
	<hr/>	3,511 00	✓
Soldiers' Burials			
Burials	160 00		
	<hr/>	160 00	✓

EDUCATION

School Contingent**Salaries and Wages:—**

Superintendent	6,500 00
Asst. Superintendent.....	3,632 50
Clerks	9,471 93
Truant Officer	2,200 00
Home Visitor	251 47
Other employees	363 51

General Expenses:—

Stationery, postage and office supplies	903 19
Telephones	1,809 50
Automobile maintenance	522 94
Travel	37 41
All other	134 24

Textbooks and Supplies:—

Text and reference books and Music	17,080 30
Maps	194 63
Stationery and supplies	13,284 58
Equipment and repairs....	668 47
Manual Training Supplies	4,907 08

Carried forward	<hr/> 61,961 75
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		Expenses	Outlays
Brought forward	61,961 75		
Other Expenses:—			
Support of Truants	820 02		
Diplomas and graduation	685 21		
Printing and advertising	2,118 20		
Power	625 83		
Binding	1,051 74		
Disbursements	327 21		
Catering	149 40		
Special Items:—			
Typewriters	2,340 00		
Musical Instruments	1,342 81		
Pupils Transportation....	541 65		
Sewing Machine	35 00		
	<hr/>	71,998 82	

School Department, Outside Tuition

Tuition:—			
City of Boston.....	7,685 78		
Other Cities	2,205 86		
	<hr/>	9,891 64	

School Teachers' Salaries

Day Schools	924,198 68		
Evening Schools	8,456 00		
	<hr/>	932,654 68	

Public Buildings Department, Maintenance School Buildings, Janitors' Salaries

Janitors' Salaries	80,043 74		
	<hr/>	80,043 74	

Maintenance School Buildings, Fuel and Light

Fuel	27,014 42		
Light	13,871 42		
	<hr/>	40,885 84	

Public Buildings Department, Maintenance School Buildings, Buildings and Grounds

Labor	15,639 73		
Teaming	1,098 63		
Furniture and furnishings	3,185 94		
	<hr/>		
Carried forward	19,924 30		

		Expenses	Outlays
Brought forward	19,924 30		
Janitors' supplies	4,967 28		
Laundry	73 55		
Repairs to buildings	10,542 90		
Heating apparatus and equipment	6,158 06		
Equipment and repairs..	908 07		
Plumbing	1,928 78		
Glass, hardware and paint	4,949 87		
Lumber	465 87		
Other materials and sup- plies	478 89		
Care of grounds	1,182 54		
Flags and Flag Poles...	325 96		
Auto maintenance	419 54		
Reimbursements	150 71		
Power	451 53		
All other	21 76		
Special Items:—			
Filing Cases	474 25		
Erecting Flag pole, Northeastern Junior High	175 00		
Installing Electrical wiring:—			
Cummings School	591 00		
Baxter Schol	840 00		
Hodgkins School	1,747 00		
Morse School	1,585 00		
Roof,—Morse School.....	690 00		
Fences	610 94		
Painting — Lincoln School	250 00		
Insurance	203 20		
Building manhole cover and frame	250 00		
Installing Lamp and Time Clock	258 00		
		60,624 05	

High School Additions and Alterations

Architects Services	23,997 06
Construction Contract, Central Heating Plant	44,031 70
Heating System, Cen- tral Heating Plant.....	39,179 05
Fixing approach to Heating Plant	79 67

107,287 48 ✓

Schoolhouses, Sprinkler Systems

Contracts	14,658 00
Pipe and Fittings.....	3,991 90
Carried forward	18,649 90

		Expenses	Outlays
Brought forward	18,649 90		
Hardware	17 39		
Carpenter and Masonry..	1,316 25		
Heating apparatus and equipment	48 69		
Plumbing and supplies..	98 90		
Labor	18 00		
All other	32 46		
	<hr/>		20,181 59

SCHOOL TRUST FUNDS

S. Newton Cutler Fund

Books	89 50	
	<hr/>	89 50

Smith-Hughes Fund

School Teachers' Salar- ies	4,052 48	
	<hr/>	4,052 48

Caroline G. Baker Fund

Chirstmas Celebration	15 00	
	<hr/>	15 00

LIBRARIES

Central Library

Salaries and Wages:—

Librarian	3,600 00
Assistants	24,111 92

Other Expenses:—

Books	6,311 17
Periodicals	609 99
Music	113 85
Binding	1,798 82
Postage and office sup- plies	1,344 41
Printing and advertising	604 00
Telephone	211 38
Ice	60 26
Express	213 88
All other	39 04
	<hr/>

39,018 72

Public Buildings Department, Maintenance
Central Library

Janitors	3,843 63
Labor	49 60
	<hr/>

Carried forward	3,893 23
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		Expenses	Outlays
Brought forward	3,893 23		
Fuel	608 95		
Light	1,484 37		
Furniture and furnish- ings	417 86		
Janitors' supplies	75 50		
Heating apparatus and equipment	57 64		
Repairs to buildings.....	273 18		
Hardware and materials	34 73		
	<hr/>	6,845 46 ✓	

West Somerville Branch Library

Salaries and Wages:—

Assistants	6,906 52
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Other Expenses:—

Books	2,137 32
Periodicals	293 52
Music	45 69
Binding	435 55
Postage and office sup- plies	193 75
Printing and advertising	40 75
Telephone	50 19
Express	205 70
All other	10 91
	<hr/>

10,319 90 ✓

Public Buildings Department, Maintenance West Somerville Branch Library

Janitor	1,698 42
Labor	67 69
Fuel	650 27
Light	534 95
Janitors' supplies	11 39
Repairs to buildings and plumbing	26 46
Heating apparatus and equipment	27 04
Care of grounds.....	66 00
Hardware and materials	10 81
	<hr/>

3,093 03 ✓

East Somerville Branch Library

Salaries and Wages:—

Assistants	5,487 38
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Carried forward	5,487 38
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		Expenses	Outlays
Brought forward	5,487 38		
Other Expenses:—			
Books	1,453 36		
Periodicals	131 85		
Music	72 39		
Binding	320 34		
Postage and office supplies	144 55		
Printing and advertising	15 50		
Telephone	51 28		
Express	206 12		
Ice	9 00		
All other	8 00		
		7,899 77	

**Public Buildings Department, Maintenance
East Somerville Branch Library**

Janitor	1,370 50
Labor	17 78
Fuel	167 57
Light	194 38
Janitors' supplies	2 75
Heating Apparatus and Equipment	20 57
Repairs to building and plumbing	79 00
Furniture and furnishings	50 00
Care of grounds	35 00

Special Item:—

Installing Electric Fixtures	175 00
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2,112 55

Union Square Branch Library

Salaries and Wages:—

Assistants	5,734 65
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Other Expenses:—

Books	1,306 17
Periodicals	161 19
Binding	538 89
Postage and office supplies	165 50
Printing and advertising	23 50
Telephone	73 68
Express	207 48
Ice	10 50
All other	8 00

8,229 56

		Expenses	Outlays
Public Buildings Department, Maintenance			
Union Square Branch Library			
Janitor	1,425 89		
Labor	73 07		
Fuel	773 93		
Light	279 36		
Janitors' supplies.....	13 17		
Heating apparatus and equipment	5 64		
Furniture and furnish- ings	12 50		
Repairs to building and plumbing	17 30		
Hardware and materials	30 75		
Care of grounds	6 00		
All other.....	3 00		
	<hr/>	2,640 61	✓

PUBLIC LIBRARY TRUST FUNDS

S. Newton Cutler Fund

Books	42 81		
	<hr/>	42 81	✓

Martha R. Hunt Art Fund

Books and pictures.....	12 75		
	<hr/>	12 75	✓

Martha R. Hunt Book Fund

Books	649 69		
	<hr/>	649 69	✓

Isaac Pitman Art Fund

Books	158 05		
Cabinet	55 20		
	<hr/>	213 25	

Isaac Pitman Poetry Fund

Books	129 54		
	<hr/>	129 54	

Wilder Childrens Fund

Books	2 06		
	<hr/>	2 06	

Sarah Lorane Graves Fund

Books	20 38		
	<hr/>	20 38	

RECREATION

		Expenses	Outlays
Engineering Department, Parks Maintenance			
Labor	8,327	49	
Teaming	562	11	
Tools and equipment.....	324	80	
Materials and supplies....	148	59	
Trees, shrubs and plants	1,737	96	
Repairs	778	14	
Flags and Flag poles....	182	71	
Care of bubblers and fountains	77	70	
Special Items:—			
Fences	689	57	
Sidewalk Assessment	183	68	
			13,012 75

**Public Buildings Department, Maintenance
Park Buildings**

Labor	1,066	82	
Teams	23	35	
Fuel	395	53	
Light	342	91	
Repairs to buildings.....	341	08	
Plumbing	297	69	
Hardware and materials	37	97	
Laundry and Janitors' supplies	267	70	
Heating apparatus and equipment	146	29	
Special Items:—			
Moving building, Broad- way Park	680	00	
Repairs due to moving	640	00	
			4,239 34

**Engineering Department, Playgrounds
Maintenance**

Labor	5,852	40	
Teaming	545	13	
Tools and equipment.....	135	51	
Materials and supplies....	97	61	
Repairs to fountain, fences and backstops....	182	38	
Repairing seats.....	473	96	
Care of Tufts Oval.....	270	20	
Apparatus	34	32	
Sand and Gravel.....	8	92	
All other	34	05	
			7,634 48

		Expenses	Outlays
Public Welfare and Recreation Commission			
Salaries and Wages:—			
Director	1,304	17	
Instructors and clerks....	6,047	74	
Other Expenses:—			
Teams and trucks	166	80	
Automobile maintenance	190	00	
Sand	47	09	
Equipment and supplies	2,229	33	
Disbursements	154	86	
Office supplies	254	22	
Telephone	70	66	
Music	85	80	
All other	42	56	
Special Items:—			
Shutes	161	60	
Prizes	236	20	
			10,991 03 ✓

Public Buildings Department, Maintenance Bathhouse

Salaries and Wages:—			
Attendance and Labor....	1,455	58	
Other Expenses:—			
Teams and trucks.....	54	10	
Bathing suits	20	12	
Towels	55	12	
Repairs to buildings.....	56	26	
Equipment and supplies	99	41	
Laundry	89	58	
Hardware and materials	57	04	
Sand	524	00	
All other	6	22	
Special Item:—			
Insurance	101	60	
			2,519 03 ✓

Celebrations

Labor	83	48	
Trucking	2	25	
Printing and postage....	69	25	
Music	810	60	
Decorating and Fire-works	1,622	50	
Entertainment	30	00	
Miscellaneous supplies	31	23	
			2,649 31 ✓

Expenses

Outlays

Playground—Foss Park

Labor	372 28
Contract Work	310 88
Teaming	33 50
Equipment and supplies	105 00
	<hr/>

821 66 ✓

Improvement, Walter Ernest Shaw
Playground

Wall Construction	5,670 00
Labor	89 51
Equipment	51 00
Iron Plate	186 45
Carpenter Work	216 28
Wall Fountain	16 25
Fence	628 14
Removing Tree.....	9 80
Grading	143 52
All other	4 06
	<hr/>

7,015 01 ✓

Additional Land, Playground
Glen Street

Recording	3 45
	<hr/>

3 45 ✓

UNCLASSIFIED

Memorial Day

Music and Catering.....	446 62
Flowers and Flags.....	305 40
Markers	57 90
Ribbons	21 87
All other	36 69
	<hr/>

868 48 ✓

Municipal Documents

Printing Annual Report	2,104 47
Printing Municipal Register	300 00
All other	12 29
	<hr/>

2,416 76 ✓

Public Buildings Department, Maintenance
Bandstand

Labor	168 73
Teaming	116 75
Hardware	10 87
Lumber	3 36
	<hr/>

299 71 ✓

		Expenses	Outlays
Rifle Practice, Cos. A. & B., 101st. Engineers			
Use of Range	634 77		
Transportation	680 00		
Rent of Room.....	15 00		
	<hr/>	1,329 77	✓
Quarters for George Dilboy Post, V. F. W.			
Rent	660 00		
	<hr/>	660 00	✓
Quarters for American Legion			
Rent	675 00		
	<hr/>	675 00	✓
Quarters for Spanish War Veterans			
Rent	40 00		
	<hr/>	40 00	✓
Workmens' Compensation			
Compensation for Injuries	2,200 92		
Medical Attendance	646 30		
	<hr/>	2,847 22	✓
Pensions			
Janitors	2,056 64		
Police	12,429 61		
Fire	9,719 46		
Weights and Measures....	812 50		
Welfare	850 00		
Laborers:—			
Highway	10,045 26		
Sanitary	10,618 65		
Water	3,827 29		
	<hr/>	50,359 41	✓
Damage to Persons and Personal Property			
Settlement of Claims.....	20,786 74		
	<hr/>	20,786 74	✓

MUNICIPAL INDEBTEDNESS

		Expenses	Outlays
Interest			
Temporary Loans:—			
Anticipation of Revenue	45,862 47	✓	
General Loans:—			
Sewer	6,346 25		
Highway	8,090 00		
City	3,267 50		
Bridge	787 50		
Metropolitan Park.....	105 00		
Public Buildings.....	5,585 00		
Schoolhouse	27,760 00		
City Hall Additions.....	5,215 00		
	<hr/>		
		103,018 72	✓
Reduction of Funded Debt			
General Loans:—			
Sewer	20,000 00		
Highway	35,000 00		
City	19,000 00		
Bridge	1,900 00		
Metropolitan Park.....	1,000 00		
Public Buildings	17,000 00		
Schoolhouse	45,000 00		
City Hall Additions.....	8,000 00		
	<hr/>		
		146,000 00	✓

WATER WORKS

Administration:—	
Commissioner	3,600 00
Clerks	10,627 41
Books, printing, postage and supplies	2,646 12
Telephone	460 42
All other	98 32
General:—	
Labor	54,070 09
Teams	196 25
Pipe and fittings.....	4,338 98
Meters and fittings.....	4,817 05
Hydrants and fittings...	23 96
Tools	3,576 31
Autos, trucks and sup- plies	6,370 42
Horses and equipment...	327 79
Power	15 49
Miscellaneous supplies...	131 76
Street repairs	1,500 06
Contract labor	10,670 13
All other	9 03
	<hr/>
Carried forward	103,479 59

		Expenses	Outlays
Brought forward	103,479 59		
Special Items:—			
Convention Expenses	9 00		
Rent of B. & M. Land and Track	13 50		
Adding Machine	343 00		
Typewriter	83 70		
	<hr/>	103,928 79	✓

Water Works Extension

Labor	4,009 56		
Hired teams and trucks	168 50		
Pipe and fittings.....	14,888 98		
Hydrants and fittings.....	1,387 06		
Meters and fittings	4,201 94		
Contract work	5,390 88		
Tools and equipment.....	5 00		
	<hr/>	30,051 92	✓

**Public Buildings Department, Maintenance
Water Buildings**

Labor	286 78		
Fuel	445 48		
Light	347 46		
Lumber and materials....	95 73		
Repairs to buildings.....	324 92		
Furniture and furnish- ings	61 00		
All other	5 75		
	<hr/>	1,567 12	✓

Metropolitan Water Assessment

Assessment	164,205 30		
	<hr/>	164,205 30	✓

OTHER ACCOUNTS**Temporary Loans**

Loans in anticipation of Revenue	2,250,000 00		
	<hr/>	2,250,000 00	✓

Tax Titles

Taxes 1926	1,404 03		
	<hr/>	1,404 03	✓

State Taxes

State	189,480 00		
	<hr/>	189,480 00	✓

		Expenses	Outlays
Metropolitan and Other Assessments			
Metropolitan Park	81,342 54		
Metropolitan Sewer	115,232 69		
Wellington Bridge	3,165 53		
Charles River Basin.....	9,581 95		
Alewife Brook	940 15		
Prevention of Fire.....	1,125 71		
State Highway	793 92		
Soldiers' Exemption.....	163 60		
Division Metropolitan			
Planning	1,182 42		
Abatement of Smoke.....	287 99		
River - Brighton Street			
Bridge	1,514 29		
Southern Traffic Artery	7,442 66		
		222,773 45 ✓	
County of Middlesex			
County Tax 1927.....	165,251 65		
Special County Tax-Tubercu-			
erculosis Hospital.....	20,516 01	185,767 66 ✓	
Cash Refunds			
Taxes	1,519 76		
Water	35 86		
Other	988 46	2,544 08 ✓	
Tellers' Overs and Shorts			
Short	89 87	89 87 ✓	
Commonwealth of Massachusetts			
Liquor License Fees.....	4 75		4 75

PRIVATE TRUST

Redemption of Tax Titles

Tax Titles Redeemed.....	2,559 62		2,559 62
Totals		\$6,373,303 03	\$404,516 64
Refunds		3,032 58	117 84
Total Cash Pay-		\$6,376,335 61	\$404,634 48
ments			\$6,780,970 09

* Expenditures as shown in all accounts are net

SCHEDULE OF PUBLIC PROPERTY

School Buildings	Land and Buildings	Personal	Totals
Prescott	72,200 00	3,000 00	75,200 00
East Somerville Junior High	62,000 00	2,000 00	64,000 00
Hanscom	66,500 00	4,000 00	70,500 00
Davis	53,500 00	17,500 00	71,000 00
Clark Bennett	54,500 00	3,500 00	58,000 00
Knapp	53,000 00	5,500 00	58,500 00
Baxter	39,200 00	1,500 00	40,700 00
Perry	53,000 00	1,500 00	54,500 00
Bell and Southern Jr. High	236,000 00	10,000 00	246,000 00
Pope	83,600 00	5,000 00	88,600 00
Cummings	18,400 00	1,500 00	19,900 00
Edgerly	43,000 00	5,000 00	48,000 00
Northern Eastern Jr. High	618,000 00	20,000 00	638,000 00
*High	396,000 00	30,000 00	426,000 00
Glines	96,400 00	5,000 00	101,400 00
Forster	64,000 00	4,500 00	
Forster (Annex)	40,000 00	3,500 00	112,000 00
†Proctor	42,000 00	5,000 00	47,000 00
Bingham	77,000 00	5,000 00	82,000 00
Morse	59,000 00	5,000 00	64,000 00
Carr	58,600 00	4,500 00	63,100 00
Durell	23,600 00	1,500 00	25,100 00
Burns	46,000 00	3,000 00	49,000 00
Brown	80,000 00	3,000 00	83,000 00
Highland	71,600 00	5,000 00	76,600 00
Lowe	57,000 00	2,000 00	59,000 00
Hodgkins	116,700 00	5,000 00	121,700 00
x West Somerville Jr. High	200,000 00	8,000 00	208,000 00
Lincoln	21,800 00	1,000 00	22,800 00
Cutler	135,800 00	10,000 00	145,800 00
Total	\$3,038,400 00	\$181,000 00	\$3,219,400 00

• Land included in Central Hill Park

† Building and fixtures. Land owned by State

x Land included in Walter Ernest Shaw Playground

	Land and Buildings	Personal	Totals
Fire Buildings			
New Fire Alarm Building	\$27,500 00	*\$115,000 00	\$190,200 00
Central	47,700 00	.....	.....
Engine Two	44,000 00	27,000 00	71,000 00
Engine Six	39,900 00	25,000 00	64,900 00
Hose Five	23,500 00	8,000 00	31,500 00
Ladder One	61,400 00	25,000 00	86,400 00
Ladder Two	19,700 00	15,000 00	34,700 00
Engine Four	25,000 00	7,000 00	32,000 00
Total	\$288,700 00	\$222,000 00	\$510,700 00

* Includes Electrical Department equipment

Libraries

*Central	137,500 00	100,000 00	237,500 00
East Somerville Branch	25,500 00	2,500 00	28,000 00
West Somerville Branch	41,000 00	6,500 00	47,500 00
Prospect Hill	22,600 00	2,000 00	24,600 00
Total	\$226,600 00	\$111,000 00	\$337,600 00

Miscellaneous Buildings

Highway (stables, etc.)	56,500 00	50,000 00	106,500 00
Sewer	10,900 00	.....	10,900 00
Contagious and Tuberculosis Hospital	63,500 00	9,000 00	72,500 00
City Home	106,200 00	17,000 00	123,200 00
Police	70,500 00	8,000 00	78,500 00
*City Hall	347,000 00	200,000 00	547,000 00
*City Hall Annex	68,200 00	12,500 00	80,700 00

Parks

Field House, Dilboy Field..	12,000 00	.....	12,000 00
Trum	3,500 00	.....	3,500 00
Broadway	3,100 00	.....	3,100 00
Lincoln	3,000 00	.....	3,000 00
Bathhouse	300 00	.....	300 00
Polling Booths	5,700 00	.....	5,700 00
Sanitary	19,400 00	19,200 00	38,600 00
Water	47,500 00	6,500 00	54,000 00
Total	\$817,300 00	\$322,200 00	\$1,139,500 00

* Land included in Central Hill Park

Parks and Playgrounds

Saxton C. Foss Park	\$421,200 00	.....	\$421,200 00
Central Hill	472,000 00	.....	472,000 00
Lincoln	84,500 00	4,000 00	88,500 00
Prospect Hill	69,800 00	1,500 00	71,300 00

	Land and Buildings	Personal	Totals
Tufts	109,000 00	.....	109,000 00
Paul Revere	1,000 00	.....	1,000 00
Belmont Street	5,100 00	.....	5,100 00
Trum Playground	70,900 00	.....	70,900 00
Glen Street	27,300 00	.....	27,300 00
Kent Street	12,000 00	.....	12,000 00
Poplar Street	6,300 00	.....	6,300 00
Dilboy Field	64,900 00	.....	64,900 00
Ward Six	36,600 00	.....	36,600 00
Walter Ernest Shaw Playgr'd	54,500 00	.....	54,500 00
Total	\$1,435,100 00	\$5,500 00	\$1,440,600 00

Miscellaneous Land

Somerville Avenue	300 00	.....	300 00
Putnam Street	400 00	.....	400 00
Lowell Street	100 00	.....	100 00
Spencer Avenue	100 00	.....	100 00
Weston Avenue	2,100 00	.....	2,100 00
Endicott Avenue	700 00	.....	700 00
Alpine Street	1,200 00	.....	1,200 00
Princeton Street	1,600 00	.....	1,600 00
Cutler Street	400 00	.....	400 00
Wilson Avenue	600 00	.....	600 00
Mt. Vernon Avenue	10,900 00	.....	10,900 00
Total	\$18,400 00	.....	\$18,400 00

SUMMARY

School Buildings	\$3,038,400 00	\$181,000 00	\$3,219,400 00
Fire Buildings	288,700 00	222,000 00	510,700 00
Libraries	226,600 00	111,000 00	337,600 00
Miscellaneous Buildings	817,300 00	322,200 00	1,139,500 00
Parks and Playgrounds	1,435,100 00	5,500 00	1,440,600 00
Miscellaneous Land	18,400 00	.....	18,400 00
Total	\$5,824,500 00	\$841,700 00	\$6,666,200 00
Sewer (cost)			1,565,483 00
Water Works (cost)			1,357,910 35

Total value public prop-
erty

\$9,589,593 35

REPORT OF THE TREASURER AND COLLECTOR OF TAXES

Somerville, Mass.

January 12, 1928.

To the Honorable, the Mayor and the Board of Aldermen of
the City of Somerville:

Gentlemen:

I herewith present the annual report of the City Treasurer and Collector of Taxes for the year 1927.

Respectfully submitted,

JOSEPH S. PIKE,

City Treasurer and Collector of Taxes.

STATEMENT OF REVENUE AND EXPENSE

Excess and Deficiency Credit Bal. Jan. 1, 1927		\$213,787 58
By adjustment credits		282 45
		<hr/>
		214,070 03
To adjustment debits		1,625 56
		<hr/>
		212,444 47
Assessed in Taxes, 1927	\$3,364,027 14	
Excise Taxes	13 30	
	<hr/>	
		3,364,040 44
Estimated Revenue (net)		651,667 29
Corporation Taxes	125,002 55	
Income Taxes	326,508 39	
National Bank Tax	1,400 92	
Boston Elevated Deficit	2,563 44	
	<hr/>	
		455,475 30
Dividend in Bankruptcy		16 04
		<hr/>
		\$4,683,643 54
		<hr/>
General Expenses	\$3,102,792 46	
Interest	103,018 72	
Reduction Funded Debt	146,000 00	
Met. Water Asst.	164,205 30	
	<hr/>	
		3,516,016 48
State Tax	189,480 00	
State Assessments	222,773 45	
County Tax	185,767 66	
	<hr/>	
		598,021 11
Tellers Shorts and Overs		89 87
Appropriated to Outlays for Permanent Improvements		348,150 00
Balance to the credit of Excess and De- ficiency account, December 31, 1927		221,366 98
		<hr/>
		\$4,683,643 54

BORROWING CAPACITY, DECEMBER 31, 1927

Valuation, 1925	\$104,769,800 00	
Supplementary	12,600 00	
	<hr/>	
		\$104,782,400 00
Valuation, 1926	109,262,400 00	
Supplementary	27,200 00	
	<hr/>	
		109,289,600 00
Valuation, 1927	116,406,900 00	
Supplementary	25,500 00	
	<hr/>	
		116,432,400 00
		<hr/>
Total		\$330,504,400 00
Abatements 1925	\$616,537 00	
1926	671,034 00	
1927	443,850 00	
	<hr/>	
		1,731,421 00
		<hr/>
		\$328,772,979 00

Average three years, one-third	109,590,993 00
Two and one-half per cent	2,739,774 82
Funded Debt Dec. 31, 1927	2,311,000 00
Met. Park Asst. Loan 1902 Chap. 325 (outside limit)	2,000 00
	<u>2,309,000 00</u>

Borrowing capacity Dec. 31, 1927 \$430,774 82

Maturities:

January 1, 1928	22,000 00
April 1, 1928	58,000 00
July 1, 1928	\$86,000 00
Less outside limit	1,000 00
	<u>85,000 00</u>
October 1, 1928	21,000 00
	<u>186,000 00</u>

\$616,774 82

Maturities within limit 1928	186,000 00
Maturities outside limit 1928	1,000 00
	<u>\$187,000 00</u>

Per cent of Funded Debt Dec. 31, 1927 to average valuation three years as above \$.021+.

Per cent to valuation 1927 \$.0199.

Population April 1, 1925, (official), 99,206, estimated Dec. 31, 1927, 101,000. Per capita debt \$22.88.

CONDENSED CASH STATEMENT

Receipts		Payments	
Revenue	\$6,730,820 91		\$6,390,254 51
Non-Revenue	1,002,682 21		390,715 58
	<u>\$7,733,503 12</u>		<u>\$6,780,970 09</u>
Cash Balance		Cash Balance	
Jan. 1, 1927	284,146 72	Dec. 31, 1927	1,236,679 75
	<u>\$8,017,649 84</u>		<u>\$8,017,649 84</u>

DETAILED CASH STATEMENT

RECEIPTS

Balance from 1926			\$284,146 72
Cash Advances		\$200 00	
Taxes 1925	\$490 70		
1926	540,676 09		
1927	2,719,319 71		
		3,260,486 50	
Excise Taxes 1926	3 00		
1927	6 65		
		9 65	
Street Sprinkling 1926	7,812 90		
1927	37,818 78		
		45,631 68	
Highway Assessments 1926..	14,421 52		
Apportioned	723 53		
Unapportioned	3,081 94		
Interest	237 79		
Sidewalk Assessments 1926	4,735 17		
Apportioned	2,186 37		
Apportioned	20 02		
Unapportioned	527 35		
Interest	26 96		
Sewer Assessments 1926	3,915 84		
Apportioned	91 64		
Interest	23 30		
		29,991 43	
Metered Water Charges 1926	39,222 65		
Water Sales	266,275 21		
Maintenance	12,922 76		
Service	9,558 24		
		327,978 86	
Treasury Department:			
Costs: Taxes	5,295 47		
Assessments	22 70		
Tax Titles	2 05		
Tax Lien Certificates	809 00		
Redemption Certificates..	12 00		
		6,141 22	
Departmental Accounts	78,229 27		
Deposits	14,747 41		
		92,976 68	
Interest:			
Taxes	18,840 08		
Assessments	358 38		
Bank, Treasurer	10,509 64		
Bank, City Clerk	12 70		
Bank, Certificates Deposit	7,837 11		
		37,557 91	
Carried forward		\$3,800,973 93	\$284,146 72

Brought forward	\$3,800,973 93	\$284,146 72
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Commonwealth of Massachusetts:

Corporation Taxes	125,002 55	
Bank Taxes	1,400 92	
Street Railway Tax	17,720 20	
Boston Elevated Deficit	2,563 44	
	<hr/>	146,687 11

Income Taxes:

1925	3,158 00	
1926	23,685 00	
1927	299,665 39	
	<hr/>	326,508 39

For Schools:

Continuation	3,899 39	
Vocational	12,785 44	
Americanization	2,998 68	
State Tuition	4,015 23	
	<hr/>	23,698 74

Soldiers' Benefits	6,369 25
Lieu Taxes	86 69

County of Middlesex:

Dog Licenses	2,590 45	
Courts, Police	27,416 50	
County	2,495 50	
Prob. Officer	63 80	
	<hr/>	29,975 80

Departmental Penalties:

Schools	324 50
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Licenses and Permits	16,864 87
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Miscellaneous Revenue:

Edision Electric Illumi- nation Co., electrolysis	500 00	
Conscience Money	9 00	
Bankruptcy Dividend	16 04	
Sundry Persons (Tail- ings)	87 57	
	<hr/>	612 61

Carried forward	\$4,354,692 34	\$284,146 72
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Brought forward		\$4,354,692 34	\$284,146 72
Tax Titles		356 76	
Revenue Loans		2,350,000 00	
Accrued Interest	7,908 32		
Premium on Bonds	6,440 00		
		<hr/>	
		14,348 32	
General Expenses (Refunds)		2,832 58	
Excess and Deficiency		276 45	
Sale of Land		2,264 83	
Trust Funds, Income:			
School: Cutler	214 50		
Smith-Hughes	3,902 79		
Baker	15 00		
Library: Cutler	42 88		
Hunt Art	64 96		
Hunt Books	495 31		
Pitman Art	171 32		
Pitman Poetry....	42 82		
Wilder	5 00		
Graves	20 00		
		<hr/>	
		4,974 58	
Welfare: Cummings		75 05	
Gift for Expenses:			
Thomas J. Buffum Fund		1,000 00	
		<hr/>	
		\$6,730,820 91	
Non-Revenue:			
High School Loan Bonds	1,000,000 00		
Offset to Outlays	117 84		
Com. of Mass. Liquor Li-			
censes	4 75		
Redemption Tax Titles	2,559 62		
		<hr/>	
		1,002,682 21	
		<hr/>	
			7,733,503 12
			<hr/>
			\$8,017,649 84
			<hr/>

PAYMENTS

Revenue

Advances		\$200 00	
Refunds:			
Taxes 1925		\$78 24	
1926		114 20	
1927		1,327 32	
Street Sprinkling 1926....		2 40	
1927....		23 82	
		<hr/>	
Carried forward		\$1,545 98	\$200 00
			<hr/>

Brought forward	\$1,545 98	\$200 00
Water Current Year	35 86	
		1,581 84
Tax Titles		1,404 03
Revenue Loans		2,250,000 00

Commonwealth of Massachusetts:

State Tax	189,480 00	
Assessments	222,609 85	
Soldiers' Exemptions	163 60	
		412,253 45
County of Middlesex, county tax		185,767 66
General Expenses	3,119,543 94	
Reduction Funded Debt	146,000 00	
Interest Funded Debt	57,156 25	
Revenue Loans	45,862 47	
Metropolitan Water Assess- ment	164,205 30	
		3,532,767 96

Trust Funds Income:

School: Cutler	89 50	
Smith-Hughes	4,052 48	
Baker	15 00	
Library: Cutler	42 81	
Hunt Art	12 75	
Hunt Books	649 69	
Pitman Art	213 25	
Pitman Poetry..	129 54	
Wilder	2 06	
Graves	20 38	
		5,227 46
Tellers' Shorts and Overs ...		89 87
Excess and Deficiency		962 24
		\$6,390,254 51

Non-Revenue:

Outlay Appropriations	388,151 21	
Redemption Tax Titles..	2,559 62	
Com. of Mass. Liquor Li- censes	4 75	
		390,715 58
		\$6,780,970 09
Cash in office	12,577 07	
Deposits in banks	424,102 68	
Certificates of Deposit	800,000 00	
		1,236,679 75
		\$8,017,649 84

BALANCES, DECEMBER 31, 1927

	Debit	Credit
Cash	\$1,236,679 75	
Cash Advances	200 00	
Taxes, 1926	\$187 84	
1927	659,780 14	
Excise, 1927	6 65	
	<hr/>	
	659,974 63	
Street Sprinkling, 1927	9,549 42	
Overlay & Abatement, 1926		\$187 84
1927		13,745 39
Highway Assessments, 1927	8,681 80	
1923 Apportioned Highway Assessments	76 50	
1925 Apportioned Highway Assessments	392 80	
1926 Apportioned Highway Assessments	1,976 68	
Apportioned Highway Assessments 1926	225 84	
Unapportioned Highway Assessments 1926	5,025 89	
	<hr/>	
	16,379 51	
Sidewalk Assessments, 1927	5,327 88	
1925 Apportioned Sidewalk Assessments	60 05	
Apportioned Sidewalk Assessments 1925	20 02	
Unapportioned Sidewalk Assessments 1926	1,640 74	
	<hr/>	
	7,048 69	
Sewer Assessments, 1927	2,341 73	
1925 Apportioned Sewer Assessments	133 14	
Apportioned Sewer Assessments 1925	16 64	
1926 Apportioned Sewer Assessments	300 00	
Unapportioned Sewer Assessments 1926	924 19	
	<hr/>	
	3,715 70	
Interest Committed Assessments	443 23	
Metered Water Charges, 1927	43,690 77	
Soldiers' Benefits (Com. of Mass.)	6,299 50	
Tax Titles	2,700 41	
Revenue Loans		700,000 00
Funded Debt		2,311,000 00
Net Funded Debt	2,311,000 00	
Accrued Interest		7,908 32
Premium of Bonds		6,440 00
Outlay Appropriations		976,681 24
	<hr/>	
Carried forward	\$4,297,681 61	\$4,015,962 79

Brought forward		\$4,297,681 61	\$4,015,962 79
Trust Funds, Income:			
School: Cutler	\$157 54		
Smith-Hughes	1,402 79		
Baker	7 50		
			1,567 83
Library: Cutler	44		
Hunt Art	91 41		
Hunt Books	4 89		
Pitman Art	371 66		
Pitman Poetry....	1 23		
Wilder	5 46		
Graves	10 13		
Buffum for Ex-			
penses	1,000 00		
			1,485 22
Welfare: Cummings			732 42
Sundry Persons (Tailings)...			794 19
Excess & Deficiency			221,366 08
Reserve Fund (Surplus from			
Overlay)			32,239 99
Special Assessments Re-			
served			19,290 58
Sale of Land			4,242 51
Trust Funds:			
School: Cutler	5,000 00		
Baker	300 00		
			5,300 00
Library: Cutler	1,000 00		
Hunt Books	12,000 00		
Hunt Art	1,299 77		
Pitman Art 80%			
Pitman Poetry			
20%	5,314 58		
Wilder	100 00		
Graves	400 00		
			20,114 35
Welfare: Cummings			1,681 66
Investment		27,096 01	
		\$4,324,777 62	\$4,324,777 62

The assessors' warrant for the tax levy, assessed upon polls and property April 1, 1927, amounted to \$3,450,356.17.

Real Estate:		
Land	\$26,015,450 00	
Buildings	79,643,250 00	
Carried forward		\$105,658,700 00

Brought forward		\$105,658,700 00
Personal		10,748,200 00
Total Valuation		\$116,406,900 00
At a rate of \$28.60		3,329,237 34
Polls, 30,560 at \$2.00		61,120 00
Street Sprinkling		47,408 10
		<hr/> \$3,437,765 44
Assessments:		
Apportioned Highway	\$521 17	
Apportioned Sidewalk	20 02	
Apportioned Sewer	91 64	
Unapportioned Highway	7,244 48	
Unapportioned Sidewalk	2,047 09	
Unapportioned Sewer	924 19	
Committed Highway Interest	489 35	
Committed Sidewalk Interest	114 55	
Committed Sewer Interest....	63 64	
	<hr/>	11,516 13
		<hr/> \$3,449,281 57
Additional Assessments:		
Personal	729 30	
Polls	332 00	
Excise	13 30	
	<hr/>	1,074 60
Total commitment by Assessors		<hr/> \$3,450,356 17

TAXES

	1925	1926	1927	Excise 1926	Excise 1927	Total
Balance Dec. 31, 1926	\$478 52	\$548,203 63		\$3 00		\$548,685 15
Committed					\$13 30	3,390,370 64
Supplementary			\$3,390,357 34			1,061 30
Refunds	78 24	114 20	1,061 30			1,519 76
Recharged	41 10		1,327 32			41 10
Total charges	\$597 86	\$548,317 83	\$3,392,745 96	\$3 00	\$13 30	\$3,941,677 95
Collected	\$490 70	\$540,676 09	\$2,719,319 71	\$3 00	\$6 65	\$3,260,496 15
Abated	107 16	7,453 90	13,646 11			21,207 17
Total credits	\$597 86	\$548,129 99	\$2,732,965 82	\$3 00	\$6 65	\$3,281,703 32
Balance Dec. 31, 1927		\$187 84	\$659,780 14		\$6 65	\$659,974 63

STREET SPRINKLING ASSESSMENTS

	1926	1927	Total
Balance Dec. 31, 1926	\$7,830 24	.....	\$7,830 24
Committed .....	.....	\$47,408 10	47,408 10
Refunds	2 40	23 82	26 22
Total charges	\$7,832 64	\$47,431 92	\$55,264 56
Collected	\$7,812 90	\$37,818 78	\$45,631 68
Abated	19 74	63 72	83 46
Total credits	\$7,832 64	\$37,882 50	\$45,715 14
Balance Dec. 31, 1927 .....	.....	\$9,549 42	\$9,549 42

OVERLAY AND ABATEMENT

	1925	1926	1927	Total
Credit Balance Dec. 31, 1926	\$478 52	\$9,239 43	.....	\$9,717 95
Assessed in Taxes .....	.....	.....	\$27,391 50	27,391 50
Recharged	41 10	.....	.....	41 10
Total credits	\$519 62	\$9,239 43	\$27,391 50	\$37,150 55
Abatements	\$107 16	\$7,453 90	\$13,646 11	\$21,207 17
To Reserve Fund (Surplus)	412 46	1,597 69	.....	2,010 15
Total charges	\$519 62	\$9,051 59	\$13,646 11	\$23,217 32
Balance Dec. 31, 1927 .....	.....	\$187 84	\$13,745 39	\$13,933 23

BETTERMENT ASSESSMENTS

	Highway 1926	Highway 1927	Sidewalk 1926	Sidewalk 1927	Sewer 1926	Sewer 1927	Total
Bal. Dec. 31, 1926	\$23,946 00	.....	\$6,782 26	.....	\$5,315 03	.....	\$36,043 29
Committed .....	.....	\$8,681 80	.....	\$7,514 25	.....	\$2,341 73	18,537 78
Total charges	\$23,946 00	\$8,681 80	\$6,782 26	\$7,514 25	\$5,315 03	\$2,341 73	\$54,581 07
Collected	14,421 52	.....	4,735 17	2,186 37	3,915 84	.....	25,258 90
Apportioned	2,280 00	.....	.....	.....	375 00	.....	2,655 00
Unapportioned in 1927 tax	7,244 48	.....	2,047 09	.....	924 19	.....	10,215 76
Abated .....	.....	.....	.....	.....	100 00	.....	100 00
Total credits	\$23,946 00	.....	\$6,782 26	\$2,186 37	\$5,315 03	.....	\$38,229 66
Balance Dec. 31, 1927 .....	.....	\$8,681 80	.....	\$5,327 88	.....	\$2,341 73	\$16,351 41

APPORTIONED ASSESSMENTS

	Highway 1923	Highway 1925	Highway 1926	Sidewalk 1925	Sewer 1925	Sewer 1926	Total
Balance Dec. 31, 1926	\$177 45	\$441 90	\$459 00	\$80 07	\$149 78	.....	\$1,308 20
Apportioned, 1927 .....	.....	.....	2,280 00	.....	.....	\$375 00	2,655 00
Committed 1927 .....	.....	.....	.....	.....	.....	.....	.....
Total Debits	\$177 45	\$441 90	\$2,739 00	\$80 07	\$149 78	\$375 00	\$3,963 20
Collected	\$88 20	.....	\$303 00	.....	.....	.....	\$391 20
Assessed in Taxes 1927	12 75	49 10	459 32	20 02	16 64	75 00	632 83
Total credits	\$100 95	\$49 10	\$762 32	\$20 02	\$16 64	\$75 00	\$1,024 03
Balance Dec. 31, 1927	\$76 50	\$392 80	\$1,976 68	\$60 05	\$133 14	\$300 00	\$2,939 17

COMMITTED APPORTIONED ASSESSMENTS

	Highway 1923	Highway 1925	Highway 1926	Sidewalk 1925	Sewer 1925	Sewer 1926	Total
Balance Dec. 31, 1926	\$37 00	.....	.....	\$20 02	\$16 64	.....	\$73 66
Committed, 1927	12 75	\$49 10	\$459 32	20 02	16 64	\$75 00	632 83
Total Debits	\$49 75	\$49 10	\$459 32	\$40 04	\$33 28	\$75 00	\$706 49
Collected	\$49 75	\$49 10	\$233 48	\$20 02	\$16 64	\$75 00	\$443 99
Balance Dec. 31, 1927 .....	.....	.....	\$225 84	\$20 02	\$16 64	.....	\$262 50

UNAPPORTIONED ASSESSMENTS

	Highway 1925	Highway 1926	Sidewalk 1925	Sidewalk 1926	Sewer 1926	Total
Balance Dec. 31, 1926	\$863 35		\$121 00			\$984 35
Committed		\$7,244 48		\$2,047 09	\$924 19	10,215 76
Total Debits	\$863 35	\$7,244 48	\$121 00	\$2,047 09	\$924 19	\$11,200 11
Collected	\$863 35	\$2,218 59	\$121 00	406 35		3,609 29
Total Credits	863 35	2,218 59	121 00	406 35		3,609 29
Balance Dec. 31, 1927		\$5,025 89		\$1,640 74	\$924 19	\$7,590 82

COMMITTED INTEREST ASSESSMENTS

	1926	1927	Total
Balance Dec. 31, 1926	\$63 74		63 74
Committed		\$667 54	667 54
Collected	\$63 74	\$667 54	\$731 28
Balance Dec. 31, 1927	63 74	224 31	288 05
		\$443 23	\$443 23

WATER DEPARTMENT ACCOUNTS

	Metered 1926	Metered 1927	Addi- tional	Maint.	Service Assessments	Total
Bal. Dec. 31, 1926	\$39,838 73					\$39,838 73
Committed		\$308,961 71	\$1,397 84	\$21,784 24	\$9,558 24	341,702 03
Refunds		3 36	2 50	30 00		35 86
Total charges	\$39,838 73	\$308,965 07	\$1,400 34	\$21,814 24	\$9,558 24	\$381,576 62
Collected	\$39,222 65	\$264,877 37	\$1,397 84	\$12,922 76	\$9,558 24	\$327,978 86
Abated	616 08	396 93	2 50	8,891 48		9,906 99
Total credits	\$39,838 73	\$265,274 30	\$1,400 34	\$21,814 24	\$9,558 24	\$337,885 85
Bal. Dec. 31, 1927		\$43,690 77				\$43,690 77

DEPARTMENTAL ACCOUNTS FOR COLLECTION AND DEPOSIT

	Balance Dec. 31, 1926	Committed	Total	Abated	Collected	Balance	Deposits
City Clerk							\$2,279 55
Assessors							9 70
Engineering Dept.							2 85
Police Dept.							475 54
Fire Dept.							1,508 35
Weights and Measures							963 06
Board of Appeals							430 00
Health Dept.	\$441 73	\$1,223 00	\$1,664 73	\$159 00	\$1,077 93	\$427 80	7 20
Contagious Hospital	3,254 75	8,343 50	11,798 25	1,894 00	6,251 60	3,652 65	7 20
Inspection of Milk & Vinegar ...	4 00	203 00	207 00		186 00	21 00	3 00
Sanitary Dept.		400 00	400 00		400 00		2,794 10
Sanitary Dept. Mntce. Bldgs.		592 58	592 58		592 58		
Highway Maintenance	371 52	15,991 39	16,362 91	109 74	15,944 89	308 28	37 75
Sewers Construction	45 00		45 00	45 00			
Sidewalks Maintenance		14 73	14 73				
Sidewalks Construction	23 29		23 29		23 29		
Street Sprinkling		23 64	23 64		23 64		
Welfare Misc. (Comm. of Mass.) ..	16,313 45	28,655 69	44,969 14	202 72	22,249 32	22,517 10	
Welfare Miscellaneous	5,435 81	11,536 85	16,972 66	7 00	10,305 71	6,659 95	52 46
Welfare, City Home	636 85	4,922 82	5,559 67	24 00	5,515 67	20 00	2,670 56
School Dept.	1,316 75	20,098 90	21,415 65	4,257 41	14,793 31	2,364 93	46 14
School Dept., Mntce. Bldgs.		850 60	850 60		850 60		268 00
Libraries							2,360 80
Bathhouse							262 75
Shower Baths							568 40
	<u>\$27,843 15</u>	<u>\$93,056 70</u>	<u>\$120,899 85</u>	<u>\$6,698 87</u>	<u>\$78,229 27</u>	<u>\$35,971 71</u>	<u>\$14,747 41</u>

The funded debt December 31, 1927 was \$2,311,000.00 classified as follows:

	Beyond limit fixed by law	Within limit	Total
*Met. Park Assts. Loan at 3½ per cent	\$2,000 00		
Lowell Street Bridge at 3½ per cent		\$22,000 00	
Sewer at 3½ per cent		24,000 00	
Sewer at 4 per cent		106,000 00	
Sewer at 4¼ per cent		16,000 00	
City at 3½ per cent		2,000 00	
City at 4 per cent		67,000 00	
Highway at 4 per cent		124,000 00	
Highway at 4½ per cent		8,000 00	
Highway at 5 per cent		35,000 00	
City Hall Addition at 4 per cent		48,000 00	
City Hall Addition at 4¼ per cent		70,000 00	
Public Buildings at 4 per cent		82,000 00	
Public Buildings at 4½ per cent		40,000 00	
Schoolhouse at 4 per cent....		665,000 00	
High School at 3½ per cent		700,000 00	
High School at 4 per cent		300,000 00	
	<hr/>	<hr/>	
	\$2,000 00	\$2,309,000 00	\$2,311,000 00

* Chap. 325, Acts 1902

OUTSTANDING BONDS DECEMBER 31, 1927

	Park Outside	Bridge	Sewer	City	Highway	City Hall Addition	Pub. Bldgs.	School- house	High School	Total
1928	\$1,000	\$18,000	\$17,000	\$32,000	\$8,000	\$16,000	\$44,000	\$50,000	\$137,000
1929	1,000	17,000	16,000	32,000	8,000	16,000	44,000	50,000	185,000
1930	1,000	16,000	15,000	28,000	8,000	16,000	44,000	50,000	178,000
1931	1,000	16,000	12,000	22,000	8,000	15,000	44,000	50,000	168,000
1932	1,000	14,000	9,000	17,000	8,000	15,000	44,000	50,000	158,000
1933	1,000	14,000	.....	12,000	8,000	14,000	43,000	50,000	142,000
1934	1,000	14,000	.....	12,000	7,000	14,000	43,000	50,000	141,000
1935	1,000	13,000	.....	12,000	7,000	8,000	43,000	50,000	134,000
1936	1,000	6,000	.....	.....	7,000	4,000	43,000	50,000	111,000
1937	1,000	6,000	.....	.....	7,000	4,000	43,000	50,000	111,000
1938	1,000	4,000	.....	.....	7,000	.....	43,000	50,000	105,000
1939	1,000	3,000	.....	.....	7,000	.....	43,000	50,000	104,000
1940	1,000	2,000	.....	.....	7,000	.....	43,000	50,000	103,000
1941	1,000	1,000	.....	.....	7,000	.....	43,000	50,000	102,000
1942	1,000	1,000	.....	.....	7,000	.....	43,000	50,000	102,000
1943	1,000	1,000	.....	.....	7,000	.....	15,000	50,000	74,000
1944	1,000	.....	.....	.....	.....	.....	.....	50,000	51,000
1945	1,000	.....	.....	.....	.....	.....	.....	50,000	51,000
1946	1,000	.....	.....	.....	.....	.....	.....	50,000	51,000
1947	1,000	.....	.....	.....	.....	.....	.....	50,000	51,000
1948	1,000	.....	.....	.....	.....	.....	.....	.....	1,000
1949	1,000	.....	.....	.....	.....	.....	.....	.....	1,000
	\$2,000	\$22,000	\$146,000	\$69,000	\$167,000	\$118,000	\$122,000	\$665,000	\$1,000,000	\$2,311,000

BONDS DUE IN 1928

	January	April	July	October	Total
Met. Park ...	.....	.....	\$1,000 00	.....	\$1,000 00
Lowell Street Bridge .....	.....	\$1,000 00	.....	.....	1,000 00
Sewer .....	.....	9,000 00	9,000 00	.....	18,000 00
City	\$2,000 00	8,000 00	7,000 00	.....	17,000 00
Highway .....	.....	19,000 00	13,000 00	.....	32,000 00
City Hall Addition ..	.....	.....	.....	\$8,000 00	8,000 00
Public Bldg. 5,000 00	5,000 00	5,000 00	6,000 00	.....	16,000 00
Schoolhouse 15,000 00	15,000 00	16,000 00	.....	13,000 00	44,000 00
High School .....	.....	.....	50,000 00	.....	50,000 00
	<u>\$22,000 00</u>	<u>\$58,000 00</u>	<u>\$86,000 00</u>	<u>\$21,000 00</u>	<u>\$187,000 00</u>

BOND INTEREST DUE IN 1928

	January	April	July	October	Total
Met. Park ..	\$35 00	.....	\$35 00	.....	\$70 00
Lowell Street Bridge .....	.....	\$385 00	.....	\$367 50	752 50
Sewer	1,090 00	1,790 00	1,090 00	1,613 75	5,583 75
City	900 00	475 00	860 00	317 50	2,552 50
Highway	1,980 00	1,555 00	1,980 00	1,115 00	6,630 00
City Hall Addition ..	.....	2,447 50	.....	2,447 50	4,895 00
Public Bldg. 1,880 00	1,880 00	660 00	1,780 00	560 00	4,880 00
Schoolhouse 4,800 00	4,800 00	8,500 00	4,500 00	8,180 00	25,980 00
High School 18,250 00	18,250 00	.....	18,250 00	.....	36,500 00
	<u>\$28,935 00</u>	<u>\$15,812 50</u>	<u>\$28,495 00</u>	<u>\$14,601 25</u>	<u>\$87,843 75</u>

BONDS OUTSTANDING DECEMBER 31, 1927

With Interest to Maturity

	Bonds	Interest	Total
Met. Park	\$2,000 00	\$105 00	\$2,105 00
Lowell Street Bridge	22,000 00	8,470 00	30,470 00
Sewer	146,000 00	29,330 00	175,330 00
City	69,000 00	6,790 00	75,790 00
Highway	167,000 00	23,505 00	190,505 00
City Hall Addition	118,000 00	40,932 50	158,932 50
Public Bldg.	122,000 00	21,860 00	143,860 00
Schoolhouse	665,000 00	207,000 00	872,000 00
High School	1,000,000 00	393,750 00	1,393,750 00
	<u>\$2,311,000 00</u>	<u>\$731,742 50</u>	<u>\$3,042,742 50</u>

YEARLY BOND MATURITIES WITH INTEREST

Date Due	Principal	Interest	Total
1928.....	\$187,000 00	\$87,843 75	\$274,843 75
1929.....	185,000 00	80,521 25	265,521 25
1930.....	178,000 00	73,366 25	251,366 25
1931.....	168,000 00	66,598 75	234,598 75
1932.....	158,000 00	60,281 25	218,281 25
1933.....	142,000 00	54,363 75	196,363 75
1934.....	141,000 00	48,926 25	189,926 25
1935.....	134,000 00	43,611 25	177,611 25
1936.....	111,000 00	38,573 75	149,573 75
1937.....	111,000 00	34,353 75	145,353 75
1938.....	105,000 00	30,173 75	135,173 75
1939.....	104,000 00	26,233 75	130,233 75
1940.....	103,000 00	22,331 25	125,331 25
1941.....	102,000 00	18,466 25	120,466 25
1942.....	102,000 00	14,621 25	116,621 25
1943.....	74,000 00	10,846 25	84,846 25
1944.....	51,000 00	8,192 50	59,192 50
1945.....	51,000 00	6,157 50	57,157 50
1946.....	51,000 00	4,122 50	55,122 50
1947.....	51,000 00	2,087 50	53,087 50
1948.....	1,000 00	52 50	1,052 50
1949.....	1,000 00	17 50	1,017 50
	<hr/> \$2,311,000 00	<hr/> \$731,742 50	<hr/> \$3,042,742 50

MEMORANDUM OF PAYMENTS IN 1927 ON ACCOUNT OF DEBT.

	Principal	Interest	Total
Bonds, General City Debt	\$146,000 00	\$57,156 25	\$203,156 25
Revenue Loans .....	.....	45,862 47	45,862 47
On account of			
Metropolitan District Debt:			
Sewers	34,749 76	30,173 01	64,922 77
Parks	6,502 87	15,005 15	21,508 02
Charles River Basin	305 69	3,486 25	3,791 94
Alewife Brook	818 39	121 71	940 10
Wellington Bridge	1,423 53	27 53	1,451 06
Water	14,835 01	82,373 49	97,208 50
	<hr/> \$204,635 25	<hr/> \$234,205 86	<hr/> \$438,841 11

TREASURY DEPARTMENT, 1927

Appropriated in budget	\$29,430 00
Transferred to budget	50 00

29,480 00

Salaries:

Treasurer and Collector	\$4,300 00
Deputy Collector	2,400 00
Cashiers	3,067 48
Clerks	12,934 39
Investigator	285 00

\$22,986 87

Other Expenses:

Books, postage and supplies	2,639 41
Printing and advertising	1,440 81
Telephone	205 29
Bonds	864 37
Brink's Express Co.	285 00
All other	179 25

5,614 13

Special Items:

Typewriters	695 00
Adding Machine	98 00
Repairs to machines	19 73

812 73

\$29,413 73

Balance unexpended	66 27
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\$29,480 00

REPORT OF CHIEF ENGINEER OF FIRE DEPARTMENT

To the Honorable, the Mayor and the Board of Aldermen,

Gentlemen :

In compliance with the City Ordinance. I have the honor of submitting, for your information, the annual report of the fire department for the year ending December 31, 1927.

Alarms and Losses

Number of bell alarms	295	
Number of still alarms	570	
Total alarms		865
Number less than 1926		193
Value of buildings at risk	\$2,695,500	00
Insurance on buildings	3,214,600	00
Damage to buildings	140,486	88
Value of contents	613,200	00
Insurance on contents	467,200	00
Damage to contents	65,540	43
Total value at risk	3,308,700	00
Total damage	206,137	31
Approximate per capita loss		2 06

Classification of Causes of Alarms

Automobiles	93
Bonfires	63
Chimney fires	46
Careless smoker	44
Children playing with matches	39
Grass fires	39
Sparks on shingle roof	36
Unnecessary	34
Rubbish	30
False alarms	29
Dump	17
Unknown	16
Oil burners	15
Food on stove	14
Hot ashes in wooden receptacles	13
Overheated heaters	13
Defective heaters	11
Leaves and Christmas trees	11
Carelessness with matches	10
Firecrackers	8
Spontaneous combustion	8
Out of town	105
Miscellaneous	171

Manual Force

The manual force consists of one hundred and thirty-four (134) permanent men, during the year one has died and three have been retired and placed on the pension list; eight have been added from the eligible list of the Civil Service. The roster of the department is as follows,—

- 1 Chief Engineer,
- 1 Deputy Chief,
- 2 District Chiefs,
- 7 Captains,
- 1 Master Mechanic,
- 15 Lieutenants,
- 2 Enginemmen,
- 105 Permanent men.

Apparatus

On December 2nd the Tractor-drawn steam fire engine, located at the Central Fire Station, that has been in service for the past fourteen years was replaced by a 1,000 gallon Ahrens-Fox pumping engine, thereby putting into first alarm service an added pumping unit that answers more than two-thirds of the fire boxes of the city. The apparatus is as follows,—

- 1 Motor driven 1,300 gallon pumper and hose wagon,
- 1 Motor driven 1,000 gallon pumper and hose wagon,
- 1 Motor driven 900 gallon pumper and hose wagon,
- 2 Motor driven 750 gallon pumper, hose wagon and chemical,
- 5 Motor driven combination hose and chemical wagons,
- 1 Motor driven combination ladder truck and chemical,
- 2 Motor driven tiller steering ladder trucks,
- 1 Motor driven tiller steering 75 ft. aerial ladder truck.
- 1 Automobile, Chief's car,
- 1 Automobile, Deputy Chief's car,
- 1 Automobile, District Chief's car,
- 1 Automobile, Master Mechanic's car,
- 1 Automobile, Service car.

Hose

The present amount of serviceable hose is but 9,350 feet of two and one-half ($2\frac{1}{2}$) inch double jacket, rubber lined, water hose and 2,200 feet three quarter inch chemical hose.

There has been 1,000 feet of new two and one-half inch hose purchased and 1,200 feet condemned, also four hundred and fifty feet of chemical hose purchased and three hundred and fifty condemned.

It is imperative that at least two thousand feet of new hose be purchased the coming year as there is not a foot in reserve it having been used to equip the new pumper with twelve hundred feet.

1,750 feet of our present equipment has been repaired and returned to service.

Brief Resume

With the exception of the fire on June 23rd involving the false roof on the cold storage building of the North Packing and Provision Company causing a loss of \$48,000., due to the carelessness of workmen, there have been no fires excepting what are with us practically all of the time. Although the values at risk have been more than twice that of last year the loss has been \$50,000. less, and of the year 1925 the loss has been more than one-half. Following is the loss by months,—

January	\$18,162 75
February	29,877 38
March	31,783 31
April	20,074 87
May	17,551 50
June	53,281 75
July	940 00
August	3,035 00
September	1,523 57
October	3,503 00
November	18,097 05
December	8,297 13
	<hr/>
	\$206,127 31

Automobiles. Fires in automobiles have taken the lead of all causes for the past year and in the majority of cases there has been no insurance upon the cars to lighten the loss to the owner.

The opening of the new Northern Artery has brought hundreds of autos to and through this city, more than ever before, therefore this cause of increase in this class of fires is partially accounted for.

Chimney Fires. Are still all too numerous, they can and should be fewer; it is impossible for the inspection department to examine the inside of chimneys to learn of their condition, in fact it should not be necessary if the property owner would have his chimney properly cleaned and all soot removed; for every fire, from this cause, the owner or occupant has been notified, in writing, and directed to the remedying this condition immediately.

Children Playing with Matches. There is no excuse for this class of fires, in the past years I have sounded a warning against the careless use and handling of matches; children being permitted to have access to matches is criminal. Parents use extraordinary care in keeping away from the child unusual dangers but the familiar match is left lying about for the child to get and attempt to ape what the older people do, in so doing the child, not infrequently, is disfigured for life or burned to death. On September 26th a child was so severely burned that it died the next morning.

Inspection. The following report submitted by Captain Hutchins who has been in charge of the inspection department for the past four years, is given practically in its entirety; There were 2,859 original inspections, about thirty per cent of which required one or more re-inspections, of the different mercantile and manufacturing establishments, garages, apartment houses, theatres and the cellars of the private dwellings throughout the city. The reduced number of notices issued for violations of the law was made possible by the willingness of the owners or occupants to remedy the hazardous or unlawful conditions on the verbal requests of the inspectors.

A recapitulation of the inspections made since the establishing of a fire prevention bureau is as follows,—

Year	Original Inspections	Notices Issued
1924	1,935	840
1925	1,536	460
1926	3,817	1,041
1927	2,859	516
Total	10,148	2,857

Conditions over which the fire department has no control were reported to either the Building Commissioner, Wire Commissioner, Board of Health or the Gas Companies. During "Paint-up and Clean-up Week" in April two thousand home inspection blanks containing fifty-five fire prevention

questions were distributed and answered by the students of the Junior High Schools, examination of these blanks disclosed conditions in 167 dwellings that were a possible fire menace, inspectors were sent to these premises and conditions were improved; This self inspection work, by the school children, was made possible by the financial assistance of the Somerville Safety Council.

Through the co-operation of the Board of Trustees of the Somerville Hospital conditions in this building have been greatly improved. A private fire alarm system has been installed and an effective fire drill organized. The public fire alarm connection was changed from the quarters of Ladder Co. Four to the Fire Alarm Headquarters thereby improving an essential point in early notification of fire.

The Chief of the Department, Wire Commissioner, District Chief Young and Captain Hutchins have made reinspections to check up on the various changes and improvements.

The inspectors were detailed to the Kiwanis Club Carnival which was held on the Tufts College Athletic Field from June 22nd to the 25th while patrolling the grounds two incipient fires were discovered and extinguished by them.

The various types and makes of the artificial refrigerating systems installed in the different stores and establishments have been listed.

There are periodical inspections made of all the theatres.

The members of the department assigned to do this duty have been conscientious in the performance of this work even to the extent of devoting a part of their off-time in making re-inspections of serious cases.

The co-operation of the owners and occupants of the inspected premises have made it possible for the successful results obtained.

Recommendations

The combination wagon at the Central Station has been in service for the past fifteen years and has done excellent work but it now needs replacing with an up-to-date wagon; the reconditioning of this wagon will be considerable and then only for temporary service inasmuch as the wagon is practically worn out it having answered more than two-thirds of the alarms for the past fifteen years.

Again I must recommend the procuring of another location for the housing of Engine Company No. 4 and its members. The present building is more than fifty years old and impossible of remodeling for the purposes for which it is

needed. This is suitable for business purposes and can be disposed of at a worth while figure that can go far toward a new location and structure.

In Conclusion

In concluding this report, I desire to express my appreciation to His Honor, Mayor Conwell and to the Board of Aldermen also to all other city officials who have in any way co-operated with this department.

I want to take this opportunity to congratulate the officers and members of the department for their efficiency and loyalty to the department.

Respectfully submitted,

SEWALL M. RICH,

Chief Engineer.

BOARD OF APPEAL

January 25, 1928.

To the Honorable the Mayor and

The Board of Aldermen of the City of Somerville.

Gentlemen:—

The Department of the Board of Appeal respectfully submits the following report of its work during the year ending December 31, 1927.

The board held its first meeting of the year on January 10th without change in its organization.

On March 24th the Chairman Hon. Leonard B. Chandler was obliged to tender his resignation owing to illness and on April 14th Mr. Frederick J. White was unanimously elected to succeed him.

On March 24th Mr. Roscoe E. Estes having been elected a member of the Board of Aldermen automatically retired as a member of this board.

On April 14th Mr. Eugene A. F. Burtnett and Mr. Frederick J. Dreyer were appointed to membership on this board to succeed Messrs. Chandler and Estes and qualified as such on April 27th.

During the year, twenty-two regular meetings and four special meetings of the board were held and fifty-two cases of appeal from the decision of the Commissioner of Public Buildings refusing to grant permits were received. The board, having duly advertised and caused the proper notification sent to all persons deemed to be interested in such cases in accordance with the provisions of the Building Zone Ordinance, rendered forty-eight decisions of which twenty-nine decisions were favorable to the appellants and nineteen decisions were unfavorable; two cases were filed and two cases were held in abeyance.

The board is glad to report extraordinary unanimity in its proceedings and gratification in the fact that its decisions have been so satisfactorily accepted: At this time we desire to offer the sincere appreciation of the board to His Honor the Mayor, Members of the Board of Aldermen, the Commissioner

of Public Buildings, the City Solicitor and other heads of departments for their hearty co-operation in our work.

The board desires to express its endorsement of the pending legislation before the General Court relative to the appointment of an associate member of this board, the necessity for which is quite obvious.

Respectfully submitted,

FREDERICK J. WHITE, *Chairman,*

WALTER T. LITTLEFIELD, *Secretary,*

F. J. DREYER,

FREDERICK A. DUTTON,

EUGENE A. F. BURTNETT.

REPORT OF THE SCHOOL COMMITTEE CITY OF SOMERVILLE

School Committee Rooms, December 19, 1927.

Ordered, that the annual report of the Superintendent of Schools be adopted as the annual report of the Board of School Committee, it being understood that such adoption does not commit the Board to the opinions or recommendations made therein; that it be incorporated in the reports of the City Officers; and that 1,000 copies be printed separately.

CHARLES S. CLARK,

Secretary of School Board.

School Committee 1927

HARRY M. STOODLEY	Chairman
JOHN J. HAYES	Vice-Chairman

Members**EX-OFFICIIS**

LEON M. CONWELL, Mayor	17 Monmouth Street
CHARLES C. GRIMMONS, President Board of Aldermen	72 Thurston Street

WARD ONE

FRANCIS J. FITZPATRICK	2 Austin Street
JOHN J. HAYES	10 Wisconsin Avenue

WARD TWO

WILLIAM F. DEWIRE	384 Washington Street
CHRISTOPHER J. MULDOON	88 Concord Avenue

WARD THREE

RICHARD W. BENNETT	25 Wesley Park
JAMES C. SCANLAN	36 Munroe Street

WARD FOUR

ALICE P. RUSSELL	233 School Street
WALTER E. WHITTAKER	135 Walnut Street

WARD FIVE

HARRY M. STOODLEY	283 Highland Avenue
MINNIE S. TURNER	64 Hudson Street

WARD SIX

ELIZABETH J. CARNES	10 Mossland Street
WALTER I. CHAPMAN	18-A Central Street

WARD SEVEN

HERBERT CHOLERTON	94 College Avenue
EDWIN A. SHAW	63 College Avenue

Superintendent of Schools

CHARLES S. CLARK

Office: City Hall Annex, Highland avenue.

Residence: 75 Munroe street.

The Superintendent's office will be open on school days from 8 to 5; Saturdays, 8 to 10. His office hour is 4 o'clock on school days, and 8.30 on Saturdays.

Assistant Superintendent of Schools

EVERETT W. IRELAND, 138 Powder House Boulevard

Superintendent's Office Force

Mary A. Clark, 42 Highland avenue.
 Mildred A. Merrill, 26 Cambria street.
 Ruth O. Elliott, 45 Sever street, Charlestown.
 Marion E. Marshall, 30 Gilman street.
 S. Regina Truelson, 38 Rogers avenue.
 Alice I. Amidon, 27 Gorham street.
 Bernice A. Tuck, 165 Lowell street.

Board Meetings

January 3	April 25	October 31
January 31	May 23	November 28
February 28	June 27	December 19
March 28	September 26	
	8.15 o'clock	



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SENIOR HIGH SCHOOL SOMERVILLE MASSACHUSETTS
HONORABLE LEON M CONWELL MAYOR

WALTER TROWBRIDGE LITTLEFIELD
ASSOCIATE ARCHITECT
BOSTON MASSACHUSETTS

REPORT OF THE SUPERINTENDENT OF SCHOOLS

TO THE SCHOOL COMMITTEE:

Herewith I submit a report of the School Committee and of the Superintendent of Schools for the school year 1927. This is the 56th in the series of such reports and the 20th which I have written.

REVIEW OF THE YEAR

One act of the School Committee this year is in its nature and effect of such importance as to stand out as a landmark in the history of the School Committee. In the February meeting, the School Committee voted to do away with all standing committees and to substitute therefor a Committee of the Whole. This change was effected by the adoption of the following rules and the abolishment of such provisions of the Rules and Regulations of the School Committee as were in conflict therewith:

"Section 2. There shall be one standing committee of the School Board, to be known as the Committee of the Whole, to be composed of all the members of the School Committee.

"Section 3. The Committee of the Whole shall meet regularly on the third Friday night of each month at 8:15 o'clock but it may meet at other times upon the call of the Chairman of the School Committee.

"At these meetings the Chairman of the School Committee shall preside unless he has designated some other member of the Committee for this purpose. In the event of the absence of the Chairman without such designation having been made, the vice-chairman shall preside.

"Five members shall constitute a quorum for the transaction of business.

"The Secretary of the School Committee shall act as secretary and shall record all votes taken. All matters voted upon by the Committee of the Whole shall be reported to the School Committee for its approval.

"The function of the Committee of the Whole shall be to consider and pass judgment upon matters which require the action of the School Committee. These may include (a) matters referred to the Committee of the Whole by the School Committee, (b) matters introduced in writing by members of the School Committee, and (c) matters introduced by the Secretary of the School Committee.

"The Committee of the Whole shall have all the jurisdiction and power heretofore exercised by any of the standing committees of the School Board."

This action is in line with the present day tendencies among the city school boards. A circular of the United States Bureau of Education issued in November of this year states that "of 41 boards of education in cities of 100,000 or more population reporting to the Bureau of Education in 1917 only 3 had no standing committees; of 55 boards of education in cities of this size reporting in 1927, 21 have no such committees." The same tendency was reported among the school committees of smaller cities. The circular gives extracts from city school survey reports within the past few years to show the general attitude of authorities on school administration in regard to standing committees. The following extract from the Report on a Survey of Certain Aspects of the Lancaster, Pa., City School District, made by the Graduate School of Education, Harvard University, 1924-1925, Paul H. Hanus, Director, expresses well the reasons which led the School Committee of Somerville to make this change.

"The practice of school boards to appoint standing subcommittees to whom various executive and technical functions may be delegated is now happily passing away throughout the country. There are various reasons for the disappearance of such subcommittees to school boards, but two of them are so important that they must be mentioned here.

"First, many of the duties assigned to standing subcommittees are technical; as, for example, the duties of a committee on textbooks and supplies, or of a committee on school hygiene, or of a superintending committee, or of a committee on buildings and grounds. * * *

"Second, by assigning technical and executive functions to standing subcommittees, the board deprives itself of the leadership required in the discharge of those functions. * * *

"Incidentally, it should be noted that the abolition of standing subcommittees of the Board causes a practical increase in the responsibilities of every member of the Board. As a member of a subcommittee he usually feels chiefly responsible for the work of his subcommittee and only a limited responsibility for decisions relative to the work of other subcommittees."

By this action, the Committee departed from the policy which had been in effect from the beginning of its existence as a School Committee. The fact will be clearly apparent when contrasted with some of the conditions in the organization of earlier school committees.

The School Committee of the Town of Somerville in 1842 consisted of six members. There was no superintendent of schools. Executive functions were apportioned to the several members of the Committee, each member having a different executive and administrative duty. In the School Committee of 1851, subcommittees were appointed as follows: on Fuel, two members; on Books, two members; and on Teachers, three members. A local committee of two members was appointed for each school building. In 1872, in the first meeting of the School Committee of the City of Somerville, with Mayor George O. Brastow presiding, the following standing committees were appointed: On Examination of Teachers, four members; on Books, five members; on Music, four members; on School Furniture, four members; on Heating Apparatus, three members; on School Supplies, three members. Local committees were appointed as follows: High School, four members; Forster School, three members; Prescott, three members; Prospect Hill, three members; Morse, three members; Lincoln, two members. On January 1, 1900, when the second charter of the City of Somerville went into operation, a School Committee was elected consisting of two members from each ward. Standing Committees were continued by this Board as follows: Additional School Accommodations, High Schools, Text Books and Courses of Study, Evening Schools, Finance, Industrial Education, Music, Private Schools, Repairs of School Buildings, Rules and Regulations, Salaries, Supplies. Local committees were continued under the title of District Committees, consisting of two members from each ward, and one member from a contiguous ward.

In September two important additions to the work of the schools were made when the School Committee established the position of teacher of Lip-Reading and that of Home Visitor. The first of these measures made provision for the pupils of the schools who are handicapped by impaired hearing. The second of these measures was taken to bring assistance to the teachers and to pupils who are irregular in attendance because of lack of co-operation between the home and the school. Both of these steps were taken as part of the policy of the School Board to care for children whose needs could not be met without special provision for them. The decision to employ a teacher of Lip Reading came as a result of the disclosure of the prevalence of impaired hearing among school children, which followed the use of the audiometer. In December of the last school year an audiometer was purchased, to be used in the testing of the hearing of school children, which the law requires shall be made every

year. This instrument had recently been perfected and made available for this purpose. It is intended to afford a means of measuring acuity of hearing accurately and quickly, using the same standard of measurement for all examined. It avoids the errors inherent in the method of using a whisper or a watch tick test for this purpose. Tests with this machine were made in the High School in January of this year and thereafter in other schools of the city. Records were made for each pupil examined who had a deficiency of hearing in either ear. These records were of the utmost importance because they disclosed clearly the needs for treatment and relief which such pupils experienced. While at the close of the school year in June, tests, by means of the audiometer, had not been made in all of the schools of the city, it was evident that the number of children having diminished hearing was large enough to justify the employment of a teacher of Lip Reading. Consequently the Committee provided a teacher of Lip Reading in October. Seventy-four children were thereupon organized in classes and are now regularly receiving instruction in Lip Reading. The classes extend from the second grade through the High School. The benefit of this teaching to the children who need it can hardly be overestimated. Until greater knowledge is attained in the field of otology, whereby progressive impairment of hearing may be arrested or new methods of compensating for such loss may be discovered, lip reading will be the most important aid available for the deafened.

A Home Visitor was elected in the October meeting and began work on the seventh of November. Her duties have been defined to be to visit the schools and the homes to investigate and help cases of children whose irregular attendance was attributable to conditions which could be improved by the sympathetic aid of a school worker. By visits to the homes, she learns the facts which govern the child's life out of school. She becomes acquainted with the parents and brings to them helpful understanding of the child's life in school, its requirements, and the obligations which those requirements impose upon the home. As a result of the knowledge so gained she is able to assist the teacher to deal more intelligently with the child. In this way the Home Visitor will work among all the schools of the city and will be the means of improving the habits of many children who without such help might become habitual truants or school offenders.

In the May meeting, two orders relating to married women as teachers were adopted. The first was "that the marriage of a permanent woman teacher of the School Department

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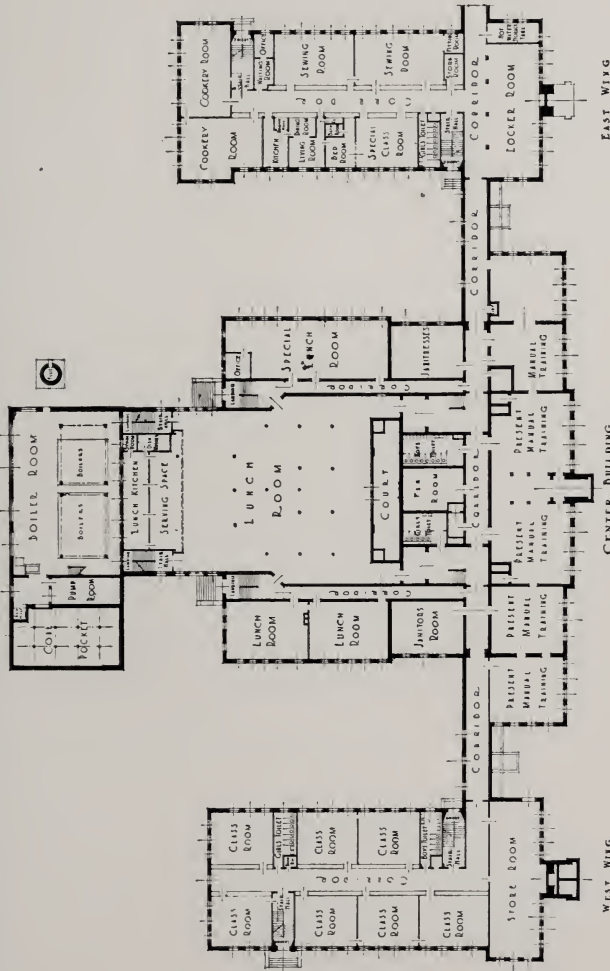
P L O T P L A N

SCALE 1" = 30'-0"

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WEST WING

CENTER BUILDING

EAST WING

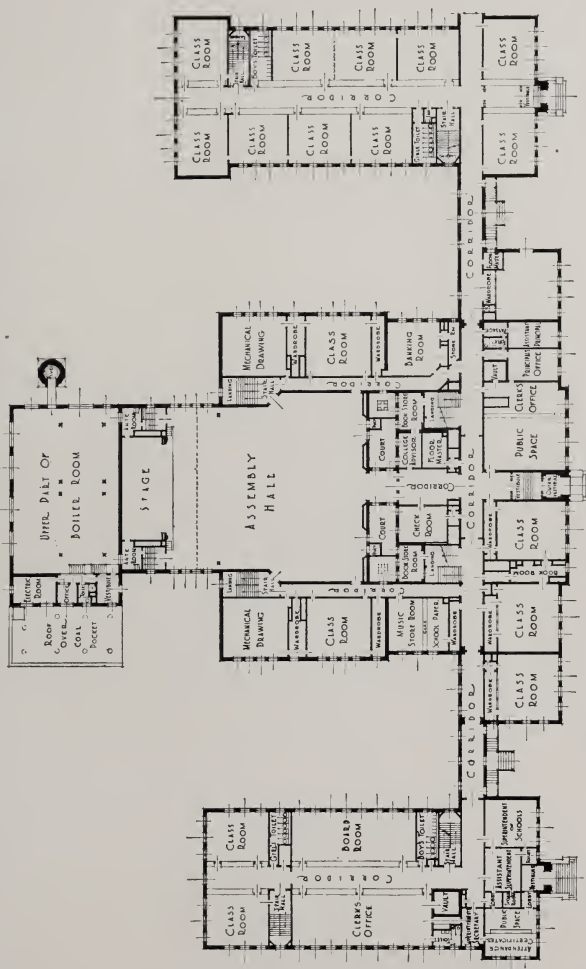
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•• GROUND • FLOOR • PLAN ••
SCALE 1/8" = 1'-0"

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ASSOCIATE ARCHITECT
BOSTON - MASSACHUSETTS

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WEST WING

CENTER BUILDING

EAST WING

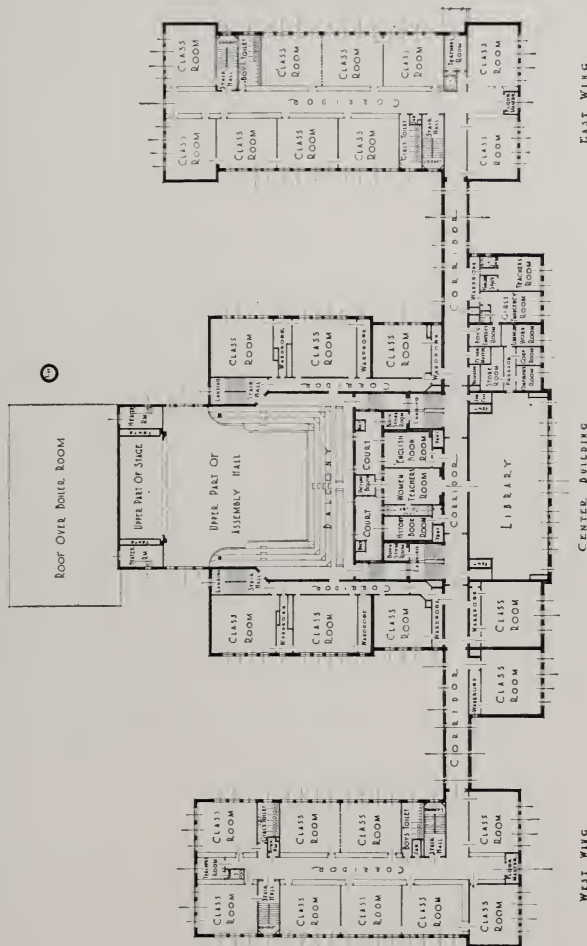
•• FIRST FLOOR • PLAN ••

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SCALE 1/8" = 1'-0"

•• SENIOR • HIGH • SCHOOL • SOMERVILLE • MASSACHUSETTS ••

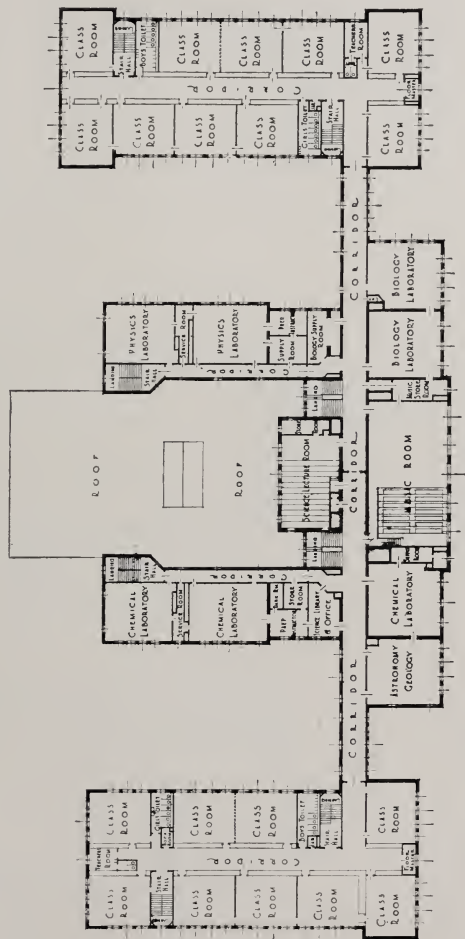


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•• SECOND FLOOR PLAN ••
SCALE 1/8" = 1'-0"

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ASSOCIATE ARCHITECT
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WEST WING

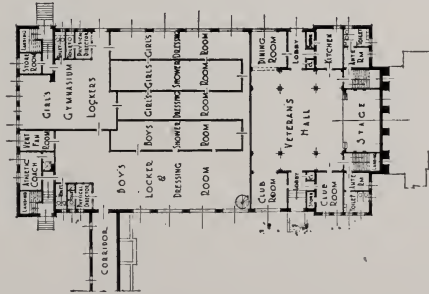
EAST WING

.. THIRD FLOOR · PLAN · SCALE $\frac{1}{8}$ " = 1'-0"

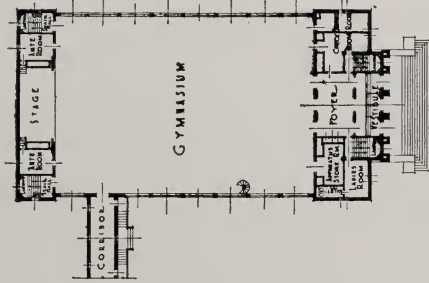
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GROUP FLOOR PLAN



FIRST FLOOR PLAN



SECOND FLOOR PLAN

GYMNASIUM

Scale 1/4" = 1'-0"

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ASSOCIATE ARCHITECT
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of the City of Somerville shall operate as an automatic resignation of said teacher". The second provided "that no married woman shall hereafter be elected as a permanent teacher in the School Department of the City of Somerville". The adoption of these orders closed a discussion which has been going on intermittently for several years. It did not affect the status of married women teachers already in the service.

Another order adopted in the May meeting declared "1. That the School Board hereby disapproves the existence of, or the further formation of, secret societies in the Somerville High School; 2. That no member of the faculty of the High School act as faculty advisor to these societies, or be connected wherewith as far as any connection with the High School is concerned".

Two classes for children three or more years mentally retarded were opened in the Edgerly School in January, one for boys and one for girls. Both of these classes were planned for children twelve to sixteen years of age and were provided with means for carrying on more advanced manual work. These classes have well met the needs of older pupils and have held their interest throughout the year. The Committee has authorized several more of these special classes and they will be formed as soon as arrangements to that effect can be made.

Eighteen persons have been elected teachers during the year,—fourteen women and four men. Of these, six women and three men were from Somerville. Of the teachers who resigned during the year, five were women who resigned to be married, two left to take better professional opportunities elsewhere, and two were retired.

This year has brought a most important contribution to the welfare of the High School in the adoption by the Mayor and the Board of Aldermen of a plan of enlargement and alteration of the High School Building. This policy was formulated in the early part of the present year by His Honor, Mayor Conwell, and was later adopted by the Board of Aldermen. It provides for the expenditure of more than \$1,000,000 for the enlargement and improvement of the high school building and for a gymnasium building. These proposals when effected will meet the need for increased accommodations which has resulted from the growth of the school in recent years, will provide facilities adequate to the demands of a modern high school, and will furnish the gymnasium for which the School Committee has been asking for more than twenty years. This event in itself is enough to signalize the

current year as making a most important addition to the schoolhouse accommodations of the city.

The membership of all the day schools at the beginning of December this year was 15,343, three more than that on the same date last year. The membership of the High School has increased by 24 pupils, the Northeastern Junior High School by 37, and the Southern Junior High School by 49. On the other hand, the membership of the Western Junior High School has decreased 22 pupils. The membership of the Boys' Vocational School is 28 more than last year. The Hanscom, Knapp, Cummings, Edgerly, Glines, Forster, Procter, Lincoln, and Lowe Schools all show small increases in membership. The other elementary schools show decreases. There are 146 pupils in the Continuation School, 3 more than last year. These facts show a tendency to growth in membership in the high and junior high schools without a corresponding growth in the elementary schools. The explanation of this condition is found in the fact that parochial schools in various parts of the city are developing along the grades parallel to the elementary schools and are checking correspondingly the growth of the latter. It is significant that the development of the property known as the Ten Hill Farms has not yet resulted in overcrowding of school facilities in the eastern part of the city. It should be noted, however, that all the rooms of the Glines, Prescott, Southworth, and Hanscom School Buildings are occupied and that seven of the rooms in the Edgerly School are also in use. It is probable that in the near future the increase of population in this part of the city will make necessary the provision of additional school accommodations for that section. It is also probable that such additional facilities should be made on the easterly side of Broadway. While a new building is not now called for to accommodate the present attendance of these schools, it would be an economical prevision of the needs of the city to secure land for a future schoolhouse while yet there are open spaces in this region which can be purchased without additional cost for building improvements.

It was necessary this year to provide an additional teacher in the Department of Electrical Work of the Boys' Vocational School. This school now has the largest enrollment in its history and fills all three of the buildings constituting the plant. It has been necessary to put the class in Carpentry into a room in the Edgerly School and any future expansion of the school must be provided for either by additions to the plant or by using rooms elsewhere. The only vacant space now available for such a purpose is in the Edger-

ly School building where five schoolrooms are unused for school purposes. It seems inevitable that this school will be called upon to meet an increasing demand for vocational education, as the trend of the times impels more boys to seek an education leading directly to the industries and preparing them immediately for profitable employment.

No part of the school system has gone on during this year with greater enthusiasm and success than that which provides the teaching of English for adults of foreign birth, the training to prepare them for becoming citizens of our country. The zeal and eagerness of these men and women in sustaining the labor of this difficult undertaking win for them the admiration and commendation of all who are engaged in carrying on this work. The results obtained are tangible and encouraging. The persons for whom this provision has been made have proven themselves worthy of the opportunity and appreciative of it. They are of the stuff from which good citizens are made.

That the Professional Improvement Plan, adopted by the School Committee in 1923, continues to stimulate professional study among teachers is shown by the fact that 288 teachers are now pursuing courses of study under this Plan. The opportunities for such study offered to our teachers are rich in variety and extent, and they are taking advantage of them according to their varying interests and aptitudes. The intellectual and cultural enrichment of the teaching corps as a result of this study is manifestly great. A quickening of professional interest in teaching is widely apparent. The financial benefits of the Plan to teachers is also important, 309 having received a salary increase in September, earned under its terms. Taking all the facts of the case into consideration justifies the conclusion that this provision is one of the wisest acts of the School Committee in its efforts to promote the interests of teachers and to improve the instruction of pupils.

The general work of the day schools has been carried on with vigor and success. The spirit of the teaching corps has been happy and governed by professional ideals. The results obtained have been unsurpassed in any previous years. The High School has worked again under the disadvantages of an over-crowded building. It has been necessary again to restrict desirable activities because of lack of room, and to carry on some of the work of the school in a cramped manner. Notwithstanding these untoward conditions, the work of the year was well done. A class of 521 was graduated in June. 132 graduates were sent to higher institutions. High School teachers during this year have been conducting a study of the

curriculum with the purpose of preparing a course of study to be recommended for adoption for the High school. The teaching corps is divided into subcommittees, each studying a special feature of this program. When the work of this Committee is completed it will be submitted by the Superintendent of Schools to the School Committee for adoption for use in the High School. The Junior High Schools and the Elementary Schools have also had a successful year. The Southern and the Northeastern Junior High Schools are overcrowded and are hindered in certain phases of their work by this fact. Committees of teachers from the Elementary and Junior High Schools have assisted in the preparation of several courses of study and in the selection of textbooks. In all respects the work of these schools during the year has been good.

The success of the work of the schools this year has been accomplished through the harmonious efforts of all parts of the school system. Teachers and principals have carried on their work in a way to deserve the commendation of the public and of the School Committee. I desire publicly to acknowledge the many acts of thoughtfulness and regard which they have done for me during this year. For these they have my heartfelt gratitude. I want also to express to the School Committee my deep appreciation for the unfailing consideration which it has shown me throughout the year.

Respectfully submitted,

CHARLES S. CLARK,

Superintendent of Schools.

December 19, 1927.

Statement made by the Superintendent of Schools to the School Committee at its meeting held on March 26, 1928, and in the meeting held on May 28 ordered printed in the Annual Report.

On June 30 I shall be retired by the provisions of the State Statute governing the retirement of teachers and superintendents of public schools, after a service of twenty years as Superintendent of Schools of Somerville. To prevent this necessity the School Committee resorted to its right to petition. In accordance with the following order, adopted by the School Committee February 28, 1927,—“That a petition be filed with the Legislature of the year 1928 for legislation suspending the provisions of the Retirement Act in re Charles S. Clark, Superintendent of Schools of the City of Somerville for an additional period not exceeding five years at the discretion of the School Board. The Chairman of the School Board is hereby authorized to prepare the petition and the necessary bill to accompany it,” a petition to give effect to this request was duly filed in the Senate by Senator Warren C. Daggett. It was supported at a joint hearing held by the Committee on Pensions of the Senate and House of Representatives, by the Chairman and members of the School Committee, the last three Mayors of Somerville, the Senator and Representatives from Somerville, and others. But holding to the policy which it has taken in recent years to refuse exemption from the provisions of the Retirement Act by special legislation in response to local petition, the Committee voted leave to withdraw. It is fitting under these circumstances that I should express my appreciation to the School Committee of this action and should take this occasion to recall to its memory some of the outstanding acts which have come to pass during this relationship of School Committee and Superintendent now so soon to close.

During all this time the Committee has treated the Superintendent with the utmost courtesy and cordiality in all personal matters and has heartily joined him in working for the improvement of the schools. It is only fair to say that no other School Committee in this State has a better record for

educational achievement during this period than that made by the Somerville School Committee. In support of this statement the following citation of things done in whole or in part by the School Committee is offered.

Buildings. The school buildings erected during this time are the S. Newton Cutler and the Gordon A. Southworth schoolhouses for elementary schools; the Zebedee E. Cliff and the Leonard B. Chandler schoolhouses for junior high schools; two buildings for the Boys' Vocational School, extensive additions to the high school plant, and to the Luther V. Bell schoolhouse to adapt it to junior high school uses. To this list should be added the most costly building project ever undertaken by the city, which is now under way and which when completed in 1929 will give the city a splendid high school building modern in every way and provided with a first class gymnasium. All of these improvements were well conceived and have well served their immediate purpose. That some of them are not adequate for present day needs is neither strange nor unlooked for. It was clearly foreseen when these improvements were made that the lapse of time would make further extensions necessary. Such need now exists in several parts of the city.

Teachers. The teaching of the children has been improved by bettering the economic condition of the teachers. In 1908 the women teachers of the first eight grades had a maximum salary of \$700. The relatively small number of women teachers in the ninth grade had \$75. more. Now there is an obtainable maximum of \$2,000. for teachers of the first six grades and of \$2,100. for teachers of the junior high schools. Teachers of the junior high schools who are college graduates get \$100 more. In 1908 the maximum for teachers in the high school was \$1,000. Now there is an obtainable maximum of \$2,250.

The maximum salaries of men, whether principals or not, have been increased considerably but not in the same proportion as the increases for women.

Organization. Changing the course for elementary schools from 9 years to 8 years was recommended in 1909, begun in September, 1910, by raising the age of admission to the first grade from five years to six and starting the beginners on a course of study to be completed in eight grades. The transition from the old to the new grading was accomplished in 1918 when the first class of graduates from the eight grade course

entered the high school with the last class of graduates from the nine year course.

Vocational Education was inaugurated in 1910 by opening a vocational school for boys in the Davis Schoolhouse. This school offered at first courses in woodworking and machine operating. In addition to these it now offers automobile repairing, carpentry and electric wiring.

In October, 1911, an industrial school for girls was opened in a double dwelling house on Atherton Street, and was successfully conducted there until 1919. Then the school was closed, but its work was transferred to the High School, where as a Household Arts Course it continues as a part of the offering of that school.

Intermediate School. In June, 1914, the School Board authorized conducting in the Forster School, beginning in September of that year, differentiated courses for the upper grammar grades. This experiment proved so satisfactory to the patrons of the school that the Committee decided to adopt it for the whole city.

The 6-3-3 Plan and the Junior High Schools. In 1916 the School Committee was confronted with the necessity of making plans for a building program to relieve overcrowding in the high and elementary schools. It realized that such a plan must contemplate and provide for not only existing needs for more accommodations, but that it must also provide for whatever educational improvements the Committee planned to make in the future. Hence, it made a careful study of applying to the whole city the organization of the seventh, eighth, and ninth grades of the school system which had been carried on so successfully in the Forster School. As a result of this study the Committee decided to reorganize the school course into three divisions comprising six grades for elementary schools, three for junior high schools, and three for senior high schools. It recommended that buildings be provided for four or five junior high schools to take the seventh and eighth grades from the elementary schools and the ninth grade from the high school. As fast as this building program could be carried into effect relief from existing overcrowding would be given to the elementary schools and to the high school. This plan was adopted. Followed in order the opening of the Northern, the Eastern, the Western, and the Southern Junior High Schools. On March 3, 1924, the Northern and Eastern were combined in the Northeastern Junior High, which occu-

pied for the first time on that date the new building on Marshall Street.

Curriculum Changes. Some very important changes have been made in the curriculum, both of a kind intended to be general in its effects and of a kind designed to benefit children whose individual needs required special consideration and treatment.

A recount of these general changes, somewhat in the order of their adoption, follows,—a dental dispensary, established in 1910, one of the first to be opened in this state under the direction of the School Committee. There are now two dental dispensaries. In 1910, a class was established for children whose backwardness was such as to make their training in ordinary classes impracticable. This class, designated as an atypical class, was opened in the Bell School. A second atypical class was opened in the Hodgkins School in 1913. These provisions were made by the School Committee in advance of the public opinion which finally caused the enactment by the Legislature in 1919 of a law requiring school committees to establish special classes for the instruction, according to their mental attainments, of children three or more years retarded in mental development in attendance upon its public schools. We now have six such classes and provision for the forming of several others. In 1920, in cooperation with the Department of Education and the Commissioner of Mental Diseases, the School Committee caused a psychological clinic to begin the first of its annual visits to the schools of Somerville to conduct examinations for determining, as required by law, what pupils should be included in the special classes for children three or more years mentally retarded. In 1911, upon the voluntary retirement of Dr. Baxter, principal of the Latin High School, the Latin and English High Schools were combined in one, having the general type of organization. The school now offers three general courses of instruction, the preparatory, fitting for colleges or other higher schools of education; the commercial, giving preparation for certain business occupations; and the general, offering a variety of academic studies. In 1912, school savings banks were started, superseding the stamp saving system. This system has continued and is now in operation in all the schools of the city. In 1925, a supervisor of thrift instruction was appointed. In 1919, the Board made grammar school masters district supervising principals and combined the various elementary schools in groups, each under the administrative and educational supervision of a supervis-

ing principal. In 1920, a continuation school was established in the High School building to give part-time instruction to girls and boys between 14 and 16 years of age who are at work under the authority of the employment certificate. In September, 1924, the school was transferred to the Folsom Building where it has ample room for the academic and practical arts instruction. Education in English for adults of foreign birth was begun in 1920, and special supervisors for this work were provided. During the present year, 17 classes have been conducted. In 1922, a class for children of defective eyesight was opened in the Highland School and is conducted there at the present time. In 1925, kindergarten teachers were given a two-session teaching day with an increase of pay to correspond to that of elementary school teachers. The number of kindergarten classes was increased to nine.

Further provision was made for special needs of children when the School Committee authorized the purchase late in 1926 of an audiometer, an instrument newly available for the accurate measurement of hearing. The use of this instrument substituted a scientific test of hearing for the more or less haphazard methods theretofore in use in making the annual test of hearing required by the laws of the State. In September of the next year, this measure was followed by the appointment of a teacher of lip reading to give instruction in speech reading to children whose hearing was so impaired as to make such help necessary. In September, 1927, also another provision in the interest of children in need of special consideration was made in the employment of a Home Visitor. Another matter which might well be mentioned in this list of accomplishments is the development of instrumental music in the high and junior high schools. In 1920 a system of credits for both inside and outside study of music was adopted by the School Committee; band music was made an elective in the junior high schools in April, 1925; and in November, 1925, the Superintendent was authorized to arrange for group instruction on orchestral and band instruments for children who want such instruction at their own expense. As a result of these measures, there are now orchestras and bands in the high school and in each of the junior high schools,—well organized and well equipped.

Changes in school organization and management are made only after careful consideration and as a result of strong reasons. Necessarily, they come about slowly, but this review of a period of years discovers a total of change impres-

sive in its significance and extent. All of these changes are in accord with the best practice among the schools of the day. They place our system in alignment with the most progressive cities in the State. The end of progress, however, has not yet been reached. New problems loom in the future to be solved by the present and succeeding School Committees. It cannot be doubted that they will be met with the same promptness and discretion as have been these whose record herein has been briefly traced.

SOMERVILLE HIGH SCHOOL

Students Entering Higher Institutions in September 1927

Boston College	3
Boston University	22
Harvard University	7
Chicago University	1
Colby College	1
Dartmouth College	1
Harvard University	7
Holy Cross College	1
Jackson College	5
Lasell Seminary	2
University of Maine	1
Mass. Agricultural College	1
Mass. Institute of Technology	11
Mass. College of Pharmacy	6
Normal Schools	10
Northeastern University	19
Radcliffe College	3
Sargent School	3
Simmons College	3
Tufts College	15
Wentworth Institute	1
Wheaton College	1
College of William & Mary	1
Miss Wheelock's School	3
	<hr/>
	132
Entering College	105
Entering Scientific Schools	12
Entering Normal Schools	25

SOMERVILLE HIGH SCHOOL

Distribution of Pupils by Subjects

December, 1927

English	2214
Elocution	1083
History	1540
Problems in Citizenship	86
Greek	15
Latin	563
French	1088
Spanish	426
German	65
Astronomy and Geology	39
Chemistry	546
Physics	206
Biology	350
Physiology	50
Trigonometry	45
Solid Geometry	45
Review Geometry	211

Plane Geometry	360
Advanced Algebra	157
Review Algebra	274
Mathematics (general)	180
Stenography	494
Typewriting	694
Bookkeeping	425
Penmanship	777
Commercial Law	27
Salesmanship	118
Business Arithmetic	61
Commerce and Industry	409
Debating	93
Manual Training	113
Mechanical Drawing	310
Freehand Drawing and Arts and Crafts	340
Households Arts	91
Cooking	111
Dressmaking	185

SOMERVILLE HIGH SCHOOL

Membership in High School Activities

December, 1927

Students' Council	18
Traffic Squad	95
National Honor Society	30
School Orchestra (2)	69
School Band and Drum Corps	160
Girls' Glee Club (2)	99
Boys' Glee Club	50
Mandolin Club	9
School Paper	21
Girls' Debating Society	20
Boys' Debating Society	36
Literary Club	140
Players' Club	50
Spanish Club	35
Sketch Club	25
Chess Club	16
Girls' Athletic Association	200
High School Athletic Association	*

* All members of the school are considered members.

SOMERVILLE TEACHERS' CLUB

Officers 1927-1928

President, Mary L. Bryant

Vice-Presidents, { Ardelle Abbott
 { Edith L. Hunnewell

Recording Secretary, Evelyn Macdonald

Corresponding Secretary, Frances E. Biller

Treasurer, Eleanor D. Campbell

Auditor, Elizabeth Campbell

Object

The object shall be to secure a close union among the women teachers in Somerville; to promote the spirit of mutual helpfulness; to advance professional interests; to create a deeper sense of the dignity of the profession; to unite the interests of the home and school.

Program

February 9—Guest Night. Shubert Male Quartette. Dorothy Peterson Raynor, Soprano.

March 9—Concert by "The Knickerbocker Club".

April 13—Roland Tapley, Violinist; Wilma Dearborn Carter, Reader.

May 11—Annual Meeting, Election of Officers. Reports of Committees.

June 8—Annual Outing—Marblehead.

October 6—One Act Play by Somerville High School Players Club, under direction of Harriet M. Bell. Music by Harold Seader.

November 4, 5—Rainbow Bazaar.

December 14—Christmas Party.

SOMERVILLE HIGH SCHOOL ATHLETIC ASSOCIATION

Annual Report of the Treasurer January 1, 1928

Receipts

Balance on hand January 1, 1927		\$1,312 18
Baseball games	\$998 96	
Football games	5,918 71	
Interest	14 33	
Miscellaneous	104 03	
	<hr/>	7,036 03
		<hr/>
		\$8,348 21

Expenditures

Athletic supplies	\$2,079 57	
Medical supplies and service	88 40	
Paid visiting teams	1,341 60	
Officials	398 00	
Police	485 00	
Assistance at games	144 00	
Postage	6 00	
Printing	62 75	
Telephone	16 15	
Transportation	214 30	
Coaching	512 00	
Physician's salary	200 00	
Treasurer's salary	400 00	
Dues to Athletic Association	3 50	
Miscellaneous	288 78	
	<hr/>	\$6,240 05
Balance on hand January 1, 1928		\$2,108 16

GEORGE E. PEARSON,

Treasurer.

In Memoriam

MARGARET D. QUARRIE

Burns School

Died March 4, 1927

JOHN J. MALONE

Northeastern Junior High School

Died April 24, 1927

CORA B. GOWEN

Bennett School

Died August 9, 1927

ELIZABETH J. STOLBA

Western Junior High School

Died October 29, 1927

STATEMENT OF WORK OF SCHOOL DENTAL DISPENSARY PROCTOR SCHOOL

For the School Year Ending June 30, 1927

MONTH.	No. of Children Treated	No. of First Apointments	No. Reappointments.	Teeth Extracted.	No. Teeth Filled.	No. Cleansings.	No. Having Brush.	No. Having no Brush.	Amount of fees Collected	Incidental Expenses.	Novocain.	Treatments.	Examinations
September	73	32	41	23	20	18	69	4	\$14.85	\$4.66	0	29	0
October	142	50	92	46	30	8	124	18	23.35	6.41	3	86	7
November	171	53	118	52	38	4	160	11	27.10	8.87	5	104	9
December	132	38	94	37	23	5	130	2	18.95	4.87	3	99	5
January	187	60	127	33	39	17	172	15	26.45	9.02	2	153	4
February	166	34	132	23	20	19	163	3	20.60	5.49	2	118	6
March	193	53	140	46	33	7	187	6	27.95	8.05	9	134	7
April	177	51	126	27	35	11	172	5	25.40	7.37	5	128	9
May	165	31	134	32	26	9	159	6	20.90	6.63	3	125	12
June	157	26	131	30	40	14	155	2	23.05	5.84	5	106	3
Total	1563	428	1135	349	304	112	1491	72	\$228.60	\$67.21	37	1082	62

COMPARATIVE FINANCIAL STATEMENT

Receipts:—	1924-1925	1925-1926	1926-1927
Cash on hand September 1.....	\$58.51	\$47.76	\$44.00
From fees.....	191.88	201.36	228.60
From sale of tooth brushes.....	224.78	11.79	10.45
	<u>\$475.17</u>	<u>\$260.91</u>	<u>\$283.05</u>
Expenditures:—			
For supplies.....	\$209.72	\$202.51	\$168.49
For tooth brushes.....	217.69	14.40	18.00
Cash on hand June 30.....	47.76	44.00	96.56
	<u>\$475.17</u>	<u>\$260.91</u>	<u>\$283.05</u>

STATEMENT OF WORK OF SCHOOL NURSES

For Year Ending June, 1927

DATE	School	Hospital	Total No. of Pupils seen	Notice sent to Guardian	Consultation with Teachers	Consultation With Med. Inspector	Treatment in School	INSPECTIONS						PUPILS ESCORTED TO CLINICS										Operations		Conta- gion found in		* Home Visits		Hy- giene Talks																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
								Dental		Pedic- ulosis		Un- clean		Eye		Ear		Nose and Throat		*Med- ical		Skin										Dental																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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September..	96	2488	64	137	3	230	434	3	60	36	32	6	

* Treated by family physician or dentist

New: Seen first time during School Year

Old: Cases followed up

394 Class talks given

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School buildings.
Teachers.
Attendance for year.
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2. Cost of maintaining schools, school year 1926-1927.
3. Cost per capita of maintaining schools, school year 1926-1927.
4. Cost of maintaining schools for a series of years.
5. Cost per capita for maintaining schools for a series of years.
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SUMMARY OF STATISTICS

1.—POPULATION AND SCHOOL CENSUS

Population state census, 1895	52,200
Population, United States census, 1900	61,643
Population, state census, 1905	69,272
Population, United States census, 1910	77,236
Population, state census, 1915	86,854
Population, United States census, 1920	93,033
Population, state census, 1925	99,032
Children between five and fifteen years of age inclusive, October, 1927 by school census	18,202

2.—SCHOOL BUILDINGS

Number of school buildings in June	31
Number of classrooms in use in June	406
Valuation of school property	\$3,219,400

3.—TEACHERS

	*1926	*1927	Change
In high schools	75	79	+4
In junior high schools	118	125	+7
In elementary schools	224	224	0
In kindergartens	15	16	+1
Total in elementary schools	239	240	+1
Vocational school for boys	9	10	+1
Independent Household Arts	1	1	0
Atypical classes	4	6	+2
Sight Saving	1	1	0
Cadet teachers	12	14	+2
Special	12	12	0
Continuation	3	3	0
Americanization	2	1	-1
Total	476	492	+16

4.—ATTENDANCE FOR YEAR

	*1926	*1927	Change
Entire enrollment for the year	16,687	16,669	-18
Average number belonging	15,042	15,042	0
Average number attending	14,074	14,094	+20
Per cent. of daily attendance	93.6	93.7	+0.1
High school graduates	524	521	-3
Junior High school graduates	1,150	1,025	-125

5.—COST OF SCHOOL MAINTENANCE

	*1926	*1927	Change
Salaries of teachers	\$833,572 45	\$923,687 08	+\$90,114 63
Salaries of officers	18,185 45	20,901 25	+2,715 80
Cost of books and supplies ..	46,497 42	47,388 18	+890 76
Cost of light and power	13,318 97	13,186 70	—132 27
Cost of janitors' services, etc.	74,923 61	82,772 86	+7,849 25
Cost of fuel and insurance....	23,316 51	39,524 04	+16,207 53
Total cost of day and evening schools	1,009,814 41	1,127,460 11	+117,645 70
Per capita cost	67 13	74 95	+7 82
Cost of high school instruction	165,567 83	180,659 14	+15,091 31
Per capita cost	81 72	85 42	+3 70

6.—MISCELLANEOUS

	*1926	*1927	Change
Paid for new school buildings	\$741 16	\$22,000 00	+\$21,258 84
Repairs and permanent improvements	59,902 42	77,200 66	+17,298 24
Total school expenditures	1,070,457 99	1,226,660 77	+156,202 78
Valuation of city	109,262,400 00	116,406,900 00	+7,144,500 00
Number of dollars spent to maintain schools out of every \$1,000 of valuation	9 15	9 69	+0 54
Number of dollars spent for all school purposes out of every \$1,000 of valuation	9 79	10 54	+0 75

* School year.

Cost of the Schools

The total amount spent for the maintenance of the schools of Somerville for the school year ending June 30, 1927, is \$1,127,460.11.

This includes the sums spent for care of school buildings, including janitors' services, fuel, light, and school telephones; the amount paid for salaries of officers, and the amount spent for school supplies; and the sum paid for salaries of teachers.

The expenditure for *care for school buildings* is wholly in charge of the City Government.

The amount paid for janitors is	\$82,772 86
The cost of fuel is	39,524 04
The cost of light is	13,186 70
A total cost of	\$135,483 60
The cost per capita	\$9 01
Cost of repairs	\$77,200 66

The second important expenditure is wholly under the control of the School Committee and is covered by what is known as the "*School Contingent*" appropriation. The following is the itemized account:—

Expenditures.	Total.	DAY SCHOOLS.		EVENING SCHOOLS.		CONTINUATION SCHOOLS AND AMERICANIZATION WORK
		High and Vocational	Elementary	High and Vocational	Elementary	
Officers' Salaries.....	\$20,901.25					
Office Expenses.....	3,047.76					
Textbooks.....	15,519.45	\$5,754.79	\$9,577.38	\$138.35	\$26.50	\$22.43
Stationery and Supplies and Other Expenses of Instruction.....	23,648.40	12,546.80	10,613.06	293.16	33.56	111.82
Miscellaneous (Tuition, etc.)	5,172.57	1,306.09	3,639.14	124.31	19.00	84.03
Total	\$68,289.43	\$19,657.68	\$23,829.58	\$555.82	\$79.06	\$218.28

The third, and by far the largest, element of the cost of schools is the sum spent for the *salaries of teachers*. This expenditure is under the control of the School Committee.

The following statement shows the distribution of the sums paid for salaries:—

Expenditures.	Total.	DAY SCHOOLS.		EVENING SCHOOLS.		CONTINUATION SCHOOLS AND AMERICANIZATION WORK
		High and Vocational	Elementary	High and Vocational	Elementary	
Supervisors	\$21,580.38	7,009.05	\$13,672.08			\$899.25
Principals.....	51,527.00	13,842.00	36,558.00	\$615.00	\$462.00	50.00
Teachers	850,579.70	269,275.49	563,438.21	6,003.00	1,224.00	10,639.00
Total	\$923,687.08	\$290,126.54	\$613,668.29	\$6,618.00	\$1,686.00	\$11,588.25

The *total outlay* for all school purposes includes all of the preceding and the sums spent for schoolhouse repairs and new buildings.

The *total outlay* for the school year ending June 30, 1927 is as follows:—

Care	\$135,483 60
Contingent	47,388 18
Salaries	944,588 33
<hr/>	
Total for school maintenance	\$1,127,460 11
Paid for repairs	77,200 66
Paid for new buildings	22,000 00
<hr/>	
Total for all school purposes	\$1,226,660 77

Each dollar of the sum spent for the support of schools has been divided in the following proportion:—

	1922	1923	1924	1925	1926	1927
Janitors' salaries	\$0.070	\$0.068	\$0.072	\$0.077	\$0.074	\$0.073
Heat and light	0.042	0.080	0.047	0.056	0.036	0.047
Administration	0.015	0.015	0.016	0.016	0.018	0.019
School supplies	0.048	0.047	0.057	0.047	0.046	0.042
Teachers' salaries....	0.825	0.790	0.808	0.804	0.826	0.819
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000

Per Capita Cost. The proper method of comparison of the cost of schools year by year is to consider the sum spent for each pupil in the average membership. In this computation we exclude the cost of evening schools, and the vocational schools. The following shows:—

THE PER CAPITA COST OF DAY SCHOOLS FOR 1926 AND 1927

	High School.			Junior High Schools.			Elementary Schools.			All Day Schools.		
	1926.	1927.	Change	1926.	1927.	Change	1926.	1927.	Change	1926.	1927.	Change
Instruction.....	\$83.02	\$86.79	+\$3.77	\$64.37	\$70.55	+\$6.18	\$45.49	\$50.76	+\$5.27	\$54.70	\$60.69	+\$5.99
Supplies.....	6.32	5.99	—0.33	3.87	3.94	+0.07	1.77	1.78	+0.01	2.88	2.91	+0.03
Care.....	10.89	9.87	—1.02	6.81	7.67	+0.86	6.31	8.33	+2.02	6.83	8.38	+1.55
Total.....	\$100.23	\$102.65	+\$2.42	\$75.05	\$82.16	+\$7.11	\$53.57	\$60.87	+\$7.30	\$64.41	\$71.98	+\$7.57

Including the cost of maintenance of evening schools, the per capita cost is as follows:

	1922	1923	1924	1925	1926	1927
Cost of Instruction..	\$50 90	\$50 39	\$51 21	\$51 25	\$54 87	\$60 89
Cost of Supplies	2 77	2 85	3 34	2 79	2 90	2 94
Cost of Care	6 73	9 24	7 39	8 35	6 96	8 49
Total	<u>\$60 40</u>	<u>\$62 48</u>	<u>\$61 94</u>	<u>\$62 39</u>	<u>\$64 73</u>	<u>\$72 32</u>

An examination of these tables shows that we have paid \$3.77 more for the instruction of each pupil in the High School than in 1926, and 33 cents more per pupil for supplies.

The elementary schools have cost \$5.27 more per pupil for instruction, and one cent more for supplies.

The amount spent for the school year 1927 was \$9.69, or 54 cents more than was spent in 1926. The amount yielded for each child in the average membership of the schools for 1927 not including the vocational schools, was \$72.32.

TEACHERS' SALARIES

The salaries paid to teachers in January 1928 are as follows:

1 man	\$4,500	4 women	2,125
1 man	3,725	1 man, 12 women	2,100
1 man	3,790	7 women	2,075
1 man	3,500	9 women	2,050
2 men	3,450	20 women	2,025
1 man	3,425	21 women	2,000
3 men	3,400	4 women	1,975
1 man	3,350	9 women	1,950
1 man, 1 woman	3,325	21 women	1,925
1 man	3,300	1 man, 40 women	1,900
1 man	3,250	16 women	1,875
2 men	3,200	1 man, 25 women	1,850
2 men	3,125	15 women	1,825
1 man	3,000	25 women	1,800
1 man	2,850	19 women	1,775
1 man, 1 woman	2,825	1 man*, 10 women	1,750
1 man	2,800	1 woman	1,725
1 man	2,775	29 women	1,700
1 man	2,750	1 woman	1,675
1 man	2,700	2 women	1,650
1 man	2,675	2 women	1,625
2 men	2,575	4 men, 9 women	1,600
1 man	2,550	1 man, 2 women	1,575
1 man, 1 woman	2,525	1 man, 8 women	1,550
4 men, 2 women	2,500	2 women	1,525
1 woman	2,475	3 women	1,500
1 woman	2,425	4 women	1,475
2 women	2,400	4 women	1,450
2 men, 1 woman	2,350	2 women	1,425
1 man	2,325	10 women	1,400
4 men	2,300	4 women	1,375
1 man, 1 woman	2,275	2 women	1,350
2 men, 8 women	2,250	7 women	1,300
1 man, 2 women	2,225	9 women	1,275
7 men, 1 woman	2,200	2 women	1,250
6 women	2,175	5 women	1,200
5 women	2,150		

Table 1—Schoolhouses, January, 1928

NAME	No. of Classrooms	No. of Sittings	Size of Lot, including Space Occupied by Building	Material	How Heated	How Ventilated	Valuation, including Furniture	When Built	Enlargements
High School } West	†74	1,733	*	Brick	Steam	Fan	*\$426,000	1895	8 rooms added 1906
} East				Brick	Steam	Fan		1871	30 rooms added 1913
Prescott {	13	470		Brick	Steam	Fan		1867	
Southworth }	11	356	49,310	Brick	Steam	Fan	139,200	1916	
Knapp	†13	522	24,517	Brick	Steam	Gravity	58,500	1889	4 rooms added 1894
Pope	12	578	27,236	Brick	Steam	Gravity	88,600	1891	{ 13 rooms added 1918
Bell	32	1,151	29,860	Brick	Steam	Fan	246,000	1874	{ 8 rooms added 1923
Edgerly	°12	154	24,000	Brick	Steam	Gravity	48,000	1871	{ 4 rooms added 1882
Glines	14	679	28,800	Brick	Steam	Gravity	101,400	1891	{ 4 rooms added 1892
Chandler	35	1,365	74,124	Brick	Steam	Fan	638,000	1923	5 rooms added 1896
Forster {	13	465	30,632	Brick	Steam	Gravity	112,000	1866	
Folsom }	13	293						1899	
Bingham	16	771	35,586	Brick	Steam	Gravity	82,000	1886	{ 4 rooms added 1894
Carr	15	705	20,450	Brick	Steam	Gravity	63,100	1898	{ 8 rooms added 1904
Morse	12	503	29,000	Brick	Steam	Fan	64,000	1869	6 rooms added 1890
Highland	12	413	23,260	Brick	Steam	Gravity	76,600	1880	4 rooms added 1891
Carried forward	297	10,158					\$2,143,400		

*Buildings are located on Central Hill Park, which contains 13 1-10 acres.

†Includes home rooms, laboratories, shops, assembly rooms, etc.

°2 rooms converted into a hall.

°5 rooms not in use.

Table 1—(Concluded)—Schoolhouses, January, 1928

NAME	No. of Classrooms	No. of Sitings	Size of Lot, including Space Occupied by Building	Material	How Heated	How Ventilated	Valuation, including Furniture	When Built	Enlargements
Brought forward.....	297	10,158	.....	.....	.....	.....	\$2,143,400	.....	.....
Hodgkins	14	568	35,034	Brick	Steam	Gravity	121,700	1896	9 rooms added 1923
Western	24	727 [†]	Brick	Steam	Fan	†208,000	1917	6 rooms added 1915
Cutler	20	956	53,729	Brick	Steam	Fan	145,800	1912	.....
Bennett	12	508	21,964	Brick	Steam	Gravity	58,000	1902	.....
Hanscom	10	482	16,767	Brick	Steam	Fan	70,500	1897	4 rooms added 1907
Brown	10	487	26,733	Brick	Steam	Gravity	83,000	1901	4 rooms added 1907
Proctor	#9	343 [*]	Brick	Steam	Gravity	*47,000	1905	4 rooms added 1899
Burns	8	387	16,080	Brick	Steam	Gravity	49,000	1886	.....
Lowe	8	386	21,650	Brick	Steam	Gravity	59,000	1903	.....
Baxter	6	290	11,000	Brick	Steam	Gravity	40,700	1901	.....
Perry	6	291	46,080	Brick	Steam	Gravity	54,500	1899	.....
Boys' Vocational { Davis 4 Machine Shop 2 Automobile Shop 2	8	.....	30,155	Wood	Furnace	Furnace	71,000	1884	{ Machine shop added 1917 Automobile shop added 1918
Cummings	4	196	11,300	Wood	Furnace	Furnace	19,900	1884	.....
Durell	4	184	13,883	Brick	Steam	Gravity	25,100	1894	.....
Lincoln	4	168	17,662	Wood	Steam	Gravity	22,800	1885	.....
Total.....	444	16,131	.....	.....	.....	.....	\$3,219,400	.....	.....

*State property.

†Land included in Walter Ernest Shaw Playground.

#One room used for Dental Dispensary.

Table 2.—Cost of Maintaining Schools

FOR SCHOOL YEAR 1926-1927

SCHOOLS.	FROM SCHOOL APPROPRIATION.		SPENT BY CITY GOVERNMENT.	Total
	Instruction and Supervision.	Supplies.	Care.	
High	\$183,564.14	\$12,672.82	\$20,880.83	\$217,117.79
Northeastern Jr.	93,676.96	5,474.79	9,413.22	108,564.97
Southern Jr.	80,114.42	4,203.17	8,928.78	93,246.37
Western Jr.	79,320.53	4,498.23	9,008.70	92,827.46
Prescott	36,150.52	1,249.55	6,855.16	44,255.23
Hanscom	21,590.32	625.43	3,127.60	25,343.35
Bennett	25,025.92	1,143.08	3,157.14	29,326.14
Baxter	11,051.76	300.37	2,434.00	13,786.13
Knapp	23,389.15	902.69	3,614.51	27,906.35
Perry	11,511.83	337.07	2,434.00	14,282.90
Pope	24,387.73	706.31	3,500.39	28,594.43
Cummings	7,816.87	170.83	2,061.19	10,048.89
Edgerly	6,959.22	251.09	2,936.94	10,147.25
Glines	28,027.46	914.50	3,659.25	32,601.21
Forster	20,523.54	930.89	3,634.77	25,089.20
Bingham	32,543.11	1,120.27	4,259.60	37,922.98
Carr	30,043.56	1,008.90	4,215.58	35,268.04
Morse	24,262.37	656.46	3,387.69	28,306.52
Proctor	14,218.96	461.68	2,941.20	17,621.84
Durell	7,580.14	220.78	2,061.19	9,862.11
Burns	16,436.71	392.30	2,780.78	19,609.79
Brown	20,827.29	629.72	3,127.61	24,584.62
Highland	19,538.23	766.26	2,645.22	22,949.71
Cutler	42,339.38	1,537.12	6,265.57	50,142.07
Lincoln	8,356.47	269.46	2,061.19	10,687.12
Lowe	16,553.83	455.44	2,780.77	19,790.04
Atypical	9,359.60	816.79	1,380.95	11,557.34
Sight Saving	1,969.25	312.35	276.19	2,557.79
Boys' Vocational	24,343.21	3,311.81	2,970.52	30,625.54
Independent House- hold Arts	2,748.00	81.86	1,453.65	4,283.51
Evening	8,430.10	665.80	2,476.32	11,572.22
Continuation	6,471.25	211.74	3,391.17	10,074.16
Americanization	5,456.50	88.62	1,361.92	6,907.04
Total	\$944,588.33	\$47,388.18	\$135,483.60	\$1,127,460.11

Table 3.—Per Capita Cost of Maintaining Schools
FOR THE SCHOOL YEAR 1926-27

SCHOOLS.	Instruction and Supervision.	Supplies.	Care.	Total.
High	\$86.79	\$5.99	\$9.87	\$102.65
Northeastern Jr.....	68.83	4.02	6.92	79.77
Southern Jr.	70.46	3.70	7.85	82.01
Western Jr.	72.37	4.10	8.22	84.69
Prescott	50.63	1.75	9.60	61.98
Hanscom	55.82	1.62	8.12	65.56
Bennett.....	56.24	2.57	7.09	65.90
Baxter.....	58.79	1.60	12.95	73.34
Knapp.....	57.05	2.20	8.81	68.06
Perry	45.50	1.33	9.62	56.45
Pope	50.81	1.47	7.29	59.57
Cummings	46.25	1.01	12.19	59.45
Edgerly.....	47.34	1.71	19.98	69.03
Glines	46.48	1.52	6.07	54.07
Forster.....	42.94	1.95	7.61	52.50
Bingham	46.03	1.58	6.02	53.63
Carr	51.27	1.72	7.19	60.18
Morse	49.82	1.35	6.94	58.11
Proctor	50.96	1.65	10.54	63.15
Durell	44.59	1.30	12.12	58.01
Burns	49.36	1.18	8.35	58.89
Brown	56.44	1.71	8.48	66.63
Highland	57.63	2.26	7.80	67.69
Cutler	43.97	1.60	6.51	52.08
Lincoln	47.75	1.54	11.78	61.07
Lowe	57.68	1.59	9.69	68.96
Atypical	104.00	9.08	15.34	128.42
Sight Saving	140.51	22.31	16.16	178.98
Evening	11.20	.88	3.29	15.37
Continuation	39.95	1.31	20.93	62.19
Americanization	16.00	.26	3.99	20.25
Elementary	50.70	1.78	8.33	60.87
All schools (without state-aided schools)	60.89	2.94	8.49	72.32
Boys' Vocational	243.43	33.12	29.70	306.25
Ind. Household Arts.....	24.98	.72	12.75	38.45

Table 4.—Annual Cost of Maintaining the Schools.

FOR A SERIES OF YEARS.

Amounts are given to the nearest dollar and include what has been paid for maintaining day and evening schools of all grades.

YEAR.	Average Membership.	FROM SCHOOL APPROPRIATION.		SUM SPENT UNDER DIRECTION OF CITY GOVERNMENT.				Total.
		Instruction and Supervision.	School Supplies.	Light.	Heating.	Janitors.	School Telephones.	
1912	11,710	\$306,709	\$30,319	\$5,995	\$15,676	\$30,219	\$512	\$389,431
1913	11,856	320,744	25,877	5,842	16,055	32,939	542	402,092†
1914	12,320	338,587	26,843	6,448	18,952	33,711	624	425,165
1915	12,903	357,581	29,389	5,755	18,366	32,674	213	443,978
1916	13,191	363,948	26,098	6,233	20,197	34,667	.....	451,143
1917	12,770	376,138	29,221	5,429	25,487	35,718	.....	471,993
1918	12,656	410,589	33,587	6,966	35,839	42,063	18	529,062
1919	12,733	437,730	33,225	8,821	22,960	55,710	.....	*559,328
1920	12,836	613,294	40,079	10,092	37,083	56,381	.....	*757,679
1921	13,366	714,859	26,329	12,163	63,017	61,435	.....	*878,153
1922	14,109	747,905	42,682	10,531	26,521	61,987	.....	*889,877
1923	14,308	752,272	44,106	9,883	64,726	63,408	.....	934,395
1924	14,544	769,773	52,757	9,803	34,162	67,277	.....	933,772
1925	14,699	790,963	45,259	12,226	41,846	73,967	.....	964,261
1926	15,042	851,758	46,497	13,319	23,316	74,924	.....	1,009,814
1927	15,042	944,548	47,388	13,187	39,524	82,773	.....	1,127,460

†\$92.50 included for rental of church for schoolhouse purposes in Ward 7.

*Includes \$882.50, rent of Armory, in 1919.

* " 750.00, " " in 1920.

* " 850.00, " " in 1921.

* " 250.00, " " in 1922.

Table 5.—Annual Cost Per Capita of Maintaining Schools

FOR A SERIES OF YEARS.

[Based on the average membership.]

YEAR.	Instruction and Supervision.	School Supply Expenses.	Janitors, Heat and Light.	Total.	Assessors' Valuation of City.	Ratio of Cost of School Maintenance to Valuation.
1912	\$23 61	\$2 12	\$3 99	\$29 72	\$69,632,540	\$.00556
1913	24 54	1 91	4 18	30 63	71,848,811	.00559
1914	24 55	1 89	4 27	30 71	74,887,800	.00568
1915	24 90	2 03	3 92	30 85	77,153,500	.00575
1916	26 25	1 88	4 41	32 54	79,304,329	.00569
1917	26 72	2 05	4 61	33 38	78,921,472	.00595
1918	29 58	2 40	6 09	38 07	84,639,280	.00625
1919	31 82	2 45	6 43	40 70	87,353,424	.00643
1920	44 34	2 80	7 45	54 59	83,910,855	.00903
1921	50 07	1 60	9 62	61 29	86,718,290	.01012
1922	50 90	2 77	6 73	60 40	88,158,139	.01009
1923	50 39	2 85	9 24	62 48	92,519,400	.01010
1924	51 21	3 34	7 39	61 94	99,311,000	.00940
1925	51 25	2 79	8 35	62 39	104,769,800	.00920
1926	54 87	2 90	6 96	64 73	109,262,400	.00915
1927	60 89	2 94	8 49	72 32	116,406,900	.00969

Table 6.—Amount Spent Annually for all School Purposes.

FOR A SERIES OF YEARS.

YEAR.	For New Schoolhouses.	For Repairs and Permanent Improvements.	For Maintaining Schools.	Amount Spent for all School Purposes
1912	\$35,527	\$14,163	\$389,431	\$439,121
1913	34,866	19,341	402,092	456,299
1914	120,913	19,700	425,165	565,778
1915	9,745	28,212	443,978	481,935
1916	81,184	21,634	451,143	553,961
1917	94,420	27,283	471,993	593,696
1918	100,177	30,126	529,062	659,365
1919	104,067	20,492	559,328	683,887
1920	200	44,286	757,679	802,165
1921	3,285	39,573	878,153	921,011
1922	7,576	36,629	889,877	934,082
1923	588,302	63,052	934,395	1,585,749
1924	289,938	57,593	933,772	1,281,303
1925	18,663	45,848	964,261	1,028,773
1926	741	59,903	1,009,814	1,070,458
1927	22,000	77,201	1,127,460	1,226,661

For years prior to 1912 see School Report of 1917.

TABLE 7.—POPULATION AND SCHOOL CENSUS

FOR SCHOOL YEAR 1926-27

1842 . . . 1,013	1902 . . . 65,273	1915 . . . 86,854
1850 . . . 3,540	1903 . . . 67,500	1916 . . . 88,000
1860 . . . 8,025	1905 . . . 69,272	1917 . . . 93,000
1865 . . . 9,366	1906 . . . 70,875	1918 . . . 91,000
1870 . . . 14,693	1907 . . . 72,000	1919 . . . 91,500
1875 . . . 21,594	1908 . . . 75,500	1920 . . . 93,033
1880 . . . 24,935	1909 . . . 75,500	1921 . . . 94,500
1885 . . . 29,992	1910 . . . 77,236	1922 . . . 98,000
1890 . . . 40,117	1911 . . . 78,000	1923 . . . 99,000
1895 . . . 52,200	1912 . . . 80,000	1924 . . . 100,440
1900 . . . 61,643	1913 . . . 81,000	1925 . . . 99,032
1901 . . . 63,000	1914 . . . 85,000	1926 . . . 101,000
		1927 . . . 102,000

School Census

Number of children between 5 and 15 years of age, inclusive, October 1, 1927	18,202
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School Registration

Number of children between 5 and 15 years of age, inclusive, October 1, 1927:—		
In public schools	13,563	
In private schools	4,102	
Total		17,665
Number of compulsory school age, 7 to 13 inclusive:—		
In public schools, males	4,553	
females	4,651	9,204
In private schools, males	1,394	
females	1,444	2,838
Total		12,042

Table 8.—Attendance of the Public Schools for the School Year
1926-1927

Rooms used for Classrooms in June	SCHOOLS.	Annual Enrollment.	Average Membership.	Average Attendance.	Per cent. of Attendance.	No. Attending in October.	No. Attending in June.
72	High	2,318	2,115	1,966	93.0	2,250	2,042
35	Northeastern Jr. High	1,459	1,361	1,289	94.7	1,376	1,344
32	Southern Jr. High	1,248	1,137	1,061	93.3	1,180	1,087
38	Western Jr. High	1,154	1,096	1,044	95.2	1,121	1,067
19	Prescott	816	714	669	93.6	715	719
10	Hanscom	413	385	358	93.0	388	388
11	Bennett.....	495	445	422	94.8	451	447
6	Baxter.....	243	188	175	93.0	219	212
11	Knapp.....	467	410	387	94.5	414	413
6	Perry	293	253	236	93.3	245	247
12	Pope.....	545	480	457	95.1	497	479
4	Cummings	194	169	156	92.1	173	170
3	Edgerly	167	147	137	93.3	150	132
14	Glines	671	603	563	93.4	602	558
10	Forster	557	478	441	92.3	483	503
16	Bingham	790	707	659	93.2	718	702
15	Carr	647	586	553	94.3	587	577
11	Morse	528	487	465	95.4	492	491
7	Proctor	290	279	264	95.0	275	283
4	Durell	182	170	161	94.9	171	164
8	Burns	359	333	314	94.0	331	338
10	Brown	397	369	342	92.6	373	363
9	Highland	382	339	318	93.8	355	334
21	Cutler	1068	963	892	92.6	1,000	897
4	Lincoln.....	198	175	167	95.0	165	183
8	Lowe	320	287	268	93.3	287	293
6	Atypical	72	90	82	91.1	65	85
1	Sight Saving	14	14	13	93.2	14	14
	Boys' Vocational	140	100	96	95.5	111	84
3	Continuation	242	162	139	85.8	177	158
406	Total	16,669	15,042	14,094	93.7	15,385	14,814
404	Total for 1925-26.....	16,687	15,042	14,074	93.6	15,092	14,807

Table 9—Statistics of High School for School Year

September 9, 1926 to June 23, 1927

Number of teachers, including Head Master	76
Number of days school kept	178
Number enrolled	2,318
Average number belonging	2,115.3
Average daily attendance	1,966.4
Tardinesses	5,280
Dismissals	632
In Class of 1929, September	1,015
June	873
Per cent. of loss	14.
In Class of 1928, September.....	664
June	618
Per cent. of loss	6.9
In Class of 1927, September	545
June	531
Per cent. of loss	2.6
Special Students, September	26
June	20
Per cent. of loss	2.3
Total, September	2,250
June	2,042
Per cent. of loss	9.2
Number of graduates, male	232
Number of graduates, female	289
Total	521
Average age, male graduates	18 yrs. 1 mo.
Average age, female graduates	18 yrs. 2 mos.
Number of graduates entering college	101
Number of graduates entering scientific schools	19
Number of graduates entering normal schools	37
Cost of instruction	\$180,659.14
Cost of supplies	11,969.97
Total cost	\$192,629.11
Per capita cost of instruction	85.418
Per capita cost of supplies	5.659
Total cost per capita	\$91.077

Table 10—Pupils by Grades, June, 1927

SCHOOL.	GRADE.	TEACHERS.			PUPILS.			Never in First Grade Before
		Men.	Women.		Boys.	Girls.	Total.	
			Regular.	Assistants.				
High	Special				10	10	20	1,494
	Twelfth				240	291	531	
	Eleventh				307	311	618	
	Tenth				421	452	873	
	Total	19	58	2	978	1,064	2,042	
Junior High	Ninth				488	551	1,039	
	Eighth				516	552	1,068	
	Seventh				667	724	1,391	
	Total	19	104	2	1,671	1,827	3,498	
Elementary	Sixth		38		663	648	1,311	
	Fifth		35		723	710	1,433	
	Fourth		35		663	672	1,335	
	Third		35		694	696	1,390	
	Second		36		727	708	1,435	
	First		37		757	734	1,491	
	Total	8	216		4,227	4,168	8,395	
Kindergarten			9	7	280	258	538	
	Special	4	8					
	Sight Saving		1		7	7	14	
	Cadets	1	13					
	Atypical		6		52	33	85	
	Boys' Vocational... Independent	10			84		84	
	Household Arts		1					
	Continuation	2	1		73	85	158	
	Americanization ...		1					
	Grand Total	63	418	11	7,372	7,442	14,814	

Table 11.—Pupils in High, Junior High, Elementary, Vocational, and Continuation Schools, 1926-1927

	High School	Junior High Schools	Elementary Schools	Kinder-gartens	Vocational School for Boys	Atypical Schools	Sight Saving	Continuation	Total
Annual enrollment	2318	3461	9756	666	140	72	14	242	16,669
Average membership	2115	3594	8358	569	100	90	14	162	15,042
Average attendance	1966	3394	7902	502	96	82	13	139	14,094
Per cent. of attendance.....	93.0	94.4	94.5	83.2	95.5	91.1	93.2	85.8	93.7
Number cases of tardiness	5280	2140	4616	90	96	170	13	121	12,526
Number cases of dismissal	632	1384	587	.....	41	8	6	.....	2,658
Membership, October, 1926	2250	3677	8465	626	111	65	14	177	15,385
Membership, June, 1927	2042	3498	8395	538	84	85	14	158	14,814
No. cases corp. punishment.....	.....	.....	41	.....	.....	.....	.....	.....	41

Table 12.—Number of Pupils Admitted to Grade 1 in September

SCHOOL.	1922	1923	1924	1925	1926
Prescott	87	82	75	74	83
Hanscom.....	114	83	83	94	60
Bennett.....	74	89	80	67	75
Baxter.....	35	35	41	40	35
Knapp	45	40	45	49	44
Perry	48	32	33	54	56
Pope	89	86	77	66	80
Cummings.....	50	41	42	42	44
Edgerly	43	40	38	47	65
Glines.....	94	104	100	90	76
Forster.....	32	33	64	63	98
Bingham	106	95	112	97	128
Carr	66	113	72	76	84
Morse.....	74	72	88	74	76
Proctor.....	44	36	41	39	29
Durell.....	37	46	40	34	38
Burns.....	83	76	84	80	80
Brown	68	63	54	61	58
Cutler.....	120	129	129	129	148
Lincoln	44	33	47	46	60
Lowe.....	61	69	66	71	77
Total.....	1,414	1,397	1,411	1,393	1,494

Table 13—Eighth Grade Promotions—Junior High Schools—June 1927

Promotion from the eighth grade to the ninth grade in the Junior High School corresponds to the promotion from the last grade of a grammar school to the High School.

SCHOOL	Number in Class in June	No. Promoted to Grade 9	No. Entering Grade 9	No. Entering Schools Outside City	No. Going to Work	No. Not Located	No. Entering Vocational School	No. Entering Other Junior High Schools In City
Northeastern Jr. High School	433	410	373	21	13	2	1	0
Southern Junior High School..	324	304	267	10	19	7	1	0
Western Junior High School..	336	328	303	5	17	0	2	1
Total	1093	1042	943	36	49	9	4	1

Table 13A—Ninth Grade Promotions—Junior High Schools—June 1927

Promotion from the ninth grade to the tenth is the promotion from the Junior High School to the Senior High School. The tenth grade corresponds to the second year of a four year High School.

SCHOOL	Number in Class in June	No. Promoted to High School	No. Entering Somerville High School	No. Entering Other Schools, Public or Private	No. Going to Work	No. Not Located	No. Entering Boys' Vocational School	No. Remaining at Home
Northeastern Junior High ...	383	371	287	12	31	36	1	4
Southern "	311	291	231	18	36	0	6	0
Western "	346	338	301	19	11	7	0	0
Total.....	1040	1000	819	49	78	43	7	4

Table 14—Comparative Statistics of the Attendance Department for the School Year 1926-1927

	1926	1927	Change
Number of visits to the schools	367	296	—71
Number of visits to the homes	1,161	1,316	+155
Number of cases investigated	1,221	1,379	+158
Number of cases found to be truancy or absenteeism	273	342	+70
Number of different pupils who were truants or habitual absentees	207	263	+56
Number who were truants for the first time	168	226	+58
Number who were truants for the second time	27	23	+1
Number who were truants for three or more times	12	9	—3
Number of girls who were truants or absentees	42	72	+30
Number of visits to mercantile or manufacturing establishments	37	20	—17
Number of minors found to be working without employment certificates	31	35	+4
Number of employment certificates issued to boys	484	496	+12
Number of employment certificates reissued to boys	169	138	—31
Number of employment certificates issued to girls	263	261	—2
Number of employment certificates reissued to girls	107	97	—10
Number of educational literate certificates issued to minors over 16 years of age (first issue)	2,155	2,210	+55
Number of newspaper licenses issued to boys 12 to 16 years of age	77	116	+39
Number of transfer cards investigated	2,643	2,675	+32
Number of transfer cards forwarded	1,587	1,701	+114
Number of truants in the County Training school at the close of the year	9	12	+3
Amount paid for board of truants			\$823.15

Table 14—(Concluded)—Comparative Statistics of the Attendance Department for the School Year 1926-1927

Disposition of truancy and habitual absentee cases:—		
Warned and returned to school	137	
Transferred to other schools	17	
Obtained certificates (14 to 16 years)	30	
Left school (over 16 years)	21	
Removed from city	25	
Parent in court, failing to send	1	
Brought before court and returned to school	10	
Brought before court and sent to Training School	3	
Returned to Training School (violating parole)	1	
Sent to Lyman School	7	
Sent to Shirley	4	
Sent to Society Prevention of Cruelty to Children	3	
Sent to Working Boys' Home	1	
Sent to House Angel Guardian	1	
Sent to House of Good Shepherd	1	
Sent to Westboro State Hospital	1	
	<hr/>	
	263	

Table 14A—Truancies and Habitual Absenteeism by Ages and Grades

GRADES.	BY AGES.											Total.
	6	7	8	9	10	11	12	13	14	15	16 or Over	
I.....	1	4	2	.....	.....	.....	.....	.....	.....	.....	.....	7
II.....	4	5	2	.....	.....	.....	.....	.....	.....	.....	11
III.....	4	1	6	2	1	.....	.....	.....	.....	14
IV.....	4	7	5	4	3	2	1	.....	26
V.....	1	2	8	8	3	9	1	.....	32
VI.....	2	5	14	10	7	1	39
VII.....	3	12	14	9	1	39
VIII.....	1	4	16	20	.....	41
JX.....	1	1	11	.....	13
X.....	12	4	16
XI.....	1	.....	.....	.....	.....	1	1
XII.....	1	1
Voc. 1.....	6	.....	1	7
Voc. 2.....
Ungraded.....	1	3	.....	1	.....	5
Contin't'n.....	3	8	.....	11
Total.....	1	8	11	8	15	17	23	40	61	70	9	263

Table 15—Evening High School—Season 1926-1927

	Male	Female	Total
Enrolled	494	524	1,018
Average membership	282	287	569
Average attendance	198	194	392
Number of teachers		22	
Number of sessions		57	
Cost of instruction		\$5,711 50	
Cost of janitor, fuel, light and supplies		1,949 98	
Total cost		\$7,661 48	
Cost per pupil per evening		\$0 236	
Average attendance: October, 578; November, 444; December, 385; January, 305; February, 272; March, 298.			

Table 15-A—Evening Elementary Schools—Season 1926-1927

	Male	Female	Total
Enrolled	93	63	156
Average membership	56	34	90
Average attendance	45	28	73
Number of teachers		5	
Number of sessions		77	
Cost of instruction		\$1,706 60	
Cost of janitor, fuel, light, and supplies		1,002 78	
Total Cost		\$2,709 38	
Cost per pupil per evening		\$0 391	

Table 15-B—Evening Vocational Classes—Season 1926-1927

	Women
Enrolled	113
Average membership	94
Average attendance	77
Number of teachers	6
Number of sessions	39
Cost of instruction	\$1,210 66
Cost of janitors, fuel, light and supplies	187 04
Total expenditure	\$1,397 70
Income from sources other than local taxation	136 69
Net expenditure	\$1,261 01
Reimbursement from State	630 50
Net cost	\$630 51
Net cost per pupil per evening	\$0 17

Table 15-C—Americanization Classes—Season 1926-1927

	Male	Female	Total
Enrolled	248	171	419
Average membership	208	133	341
Average attendance	195	80	275
Number of classes		21	
Number of teachers		12	
Number of sessions		70	
Membership hours		47,740	
Cost of instruction		\$5,937 00	
Cost of supplies		60 37	
		<hr/>	
Total cost		\$5,997 37	
Reimbursement from the State		\$2,998 68	
		<hr/>	
Net cost		\$2,998 69	
Net cost per membership hour		\$0 063	

TABLE 16.—Promotions from Elementary to Junior High Schools.

	1922	1923	1924	1925	1926	1927
Prescott	.....	.....	.....	178	199	181
Bennett	.....	.....	.....	4	4	31
Knapp	91	132	161	177	202	161
Perry	.....	.....	.....	.....	.....	.....
Pope	129	136	88	91	84	84
Edgerly	168	157	189	.....	.....	.....
Glines	91	90	95	82	95	76
Forster	35	29	40	41	65	69
Bingham	87	78	87	90	84	93
Carr	142	118	138	136	134	126
Morse	68	58	68	54	66	62
Proctor	53	64	59	55	51	58
Brown	69	73	44	43	40	67
Highland	161	156	129	112	136	126
Cutler	154	147	146	161	166	168
Total	1248	1238	1244	1224	1326	1302
Average Membership of Elementary Schools	8268	8347	8878	8766	8504	8358
Per cent of Average Membership Promoted	15.09	14.83	14.02	13.96	15.6	15.58

Table 17. — Attendance Statistics.

FOR A SERIES OF YEARS.

JUNE	ENROLLMENT	Average Membership	Average Attendance	Per cent. of Attendance	Number of Tardinesses	Ratio of Tardiness to Average Attendance
1912	13,272	11,710	11,083	94.6	6,307	0.569
1913	13,491	11,903	11,216	94.2	7,354	0.655
1914	13,932	12,320	11,610	94.2	7,380	0.635
1915	14,505	12,903	12,189	94.5	8,000	0.656
1916	14,647	13,191	12,323	93.4	9,373	0.761
1917	13,967	12,770	11,933	93.7	7,325	0.613
1918	14,256	12,656	11,798	93.2	8,970	0.760
1919	14,039	12,733	11,609	91.2	9,744	0.839
1920	14,091	12,836	11,807	91.9	11,628	0.993
1921	14,500	13,396	12,533	93.6	11,337	0.904
1922	15,225	14,004	13,160	94.0	11,620	0.883
1923	15,932	14,308	13,276	92.8	13,164	0.991
1924	16,092	14,554	13,647	93.8	12,528	0.918
1925	16,262	14,699	13,691	93.1	11,814	0.863
1926	16,687	15,042	14,074	93.6	12,256	0.871
1927	16,669	15,042	14,094	93.7	12,526	0.888

Table 18. — Membership, Etc., of High School.

FOR A SERIES OF YEARS.

YEAR.	Average Membership all Schools.	Largest Number in High School.	Per cent. of Average Membership of all Schools.	Number of Graduates of High School.	Per cent. of Average Membership of all Schools.
1912	11,710	2,023	17.28	296	2.53
1913	11,903	2,081	17.48	296	2.48
1914	11,610	2,111	18.18	273	2.35
1915	12,903	2,258	17.50	311	2.41
1916	13,191	2,288	17.35	348	2.64
1917	12,770	1,973	15.45	340	2.66
1918	12,656	1,520	12.01	332	2.62
1919	12,733	1,854	14.56	310	2.43
1920	12,836	1,714	13.35	241	1.87
1921	13,396	1,762	13.15	316	2.36
1922	14,004	2,037	14.55	613	4.38
1923	14,308	2,061	14.40	419	2.93
1924	14,554	2,104	14.45	497	3.41
1925	14,699	2,229	15.16	524	3.56
1926	15,042	2,230	14.82	524	3.48
1927	15,042	2,318	15.41	521	3.46

For years prior to 1912 see School Report of 1917.

Table 19—Promotions for School Year Ending June 23, 1927
Junior High Schools.

GRADE.	On June Promotion List	Unconditionally Promoted to Next Grade	Promoted on Trial	Retarded	Promoted more than One Grade	Special Promo- tions during Year	Promotees Dropped Back after Two Months' Trial
VII	1,407	1,222	135	50		1	1
VIII	1,093	978	72	43		2	
IX	1,044	948	76	18	2		
Total.....	3,544	3,148	283	111	2	3	1

Percentage of Promotions for School Year Ending June 23, 1927
Junior High Schools.

GRADE.	On June Promotion List	Unconditionally Promoted to Next Grade	Promoted on Trial	Retarded	Promoted more than One Grade	Special Promo- tions during Year	Promotees Dropped Back after Two Months' Trial
VII	100	86.9	9.6	3.5		.07	.07
VIII	100	89.5	6.6	3.9		.18	
IX	100	90.8	7.3	1.7	.2		
Average	100	88.9	7.9	3.1	.1	.08	.03

Table 19A—Promotions for School Year Ending June 23, 1927

Elementary Grades

GRADE.	On June Promotion List.	Unconditionally Promoted to next Grade.	Promoted on Trial.	Retarded.	Promoted more than One Grade.	Special Promo- tions during Year.	Promotees Dropped Back after Two Months' Trial
I	1,542	1,267	99	173	3		
II	1,444	1,244	89	110	1		
III	1,404	1,215	105	72	12	14	1
IV	1,345	1,181	107	56	1	9	
V	1,404	1,228	115	51	10	7	2
VI	1,329	1,207	92	25	5	10	
Total.....	8,468	7,342	607	487	32	40	3

Percentage of Promotions for School Year Ending June 23, 1927

Elementary Grades

GRADE.	On June Promotion List.	Unconditionally Promoted to next Grade.	Promoted on Trial	Retarded.	Promoted more than One Grade.	Special Promo- tions during Year.	Promotees Dropped Back after Two Months' Trial
I	100	82.2	6.4	11.2	.2		
II	100	86.1	6.2	7.6	.1		
III	100	86.5	7.5	5.1	.9	1.0	.07
IV	100	87.8	7.9	4.2	.1	.7	
V	100	87.5	8.2	3.6	.7	.5	.1
VI	100	90.8	6.9	1.9	.4	.7	
Average...	100	86.7	7.2	5.7	.4	.5	

DISTRIBUTION OF PUPILS BY AGES, OCTOBER 1, 1927

GRADE	A G E																	TOTAL	Above Normal Age	Per cent. Above Normal Age
	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21 or Over		
Kgn.	63	500	46															609		
1		194	1010	159	26	3	1	1				1						1,305	32	2.29
2			205	970	233	63	13	2	3		1							1,490	82	5.50
3				216	778	276	75	16	4	1								1,306	96	7.03
4				4	163	739	281	105	26	5	2							1,345	138	10.26
5					5	216	685	290	124	33	10	1						1,364	168	12.32
6						12	222	660	299	125	47	11	1					1,377	184	13.36
7							14	229	609	319	122	43	2					1,338	167	12.48
8							1	16	260	637	288	93	22	4	1			1,322	120	9.08
9								1	32	205	536	265	68	8	2			1,118	79	7.07
10										26	227	508	155	32	6	2		956	40	4.18
11										1	20	195	348	153	23	8		750	33	4.40
12												16	117	283	96	23	1	539	27	5.01
P. G.															8	9	4	23	2	
Total	63	694	1,261	1,349	1,205	1,329	1,292	1,320	1,357	1,352	1,253	1,133	713	488	137	37	5	4	14,992	
Under Normal Grade					26	66	89	124	157	164	182	149	93	44	32	33	5	4		
Per cent. Under Normal Grade					2.16	4.97	6.88	9.40	11.57	12.13	14.52	13.15	13.04	9.02	23.36	89.20				

TABLE 20—RESIGNATION OF TEACHERS IN 1927

School	Teacher	Took Effect	In Service
High	Elizabeth Fury	December 23, 1927	6 yrs., 4 mos.
Northeastern Junior High	Agnes M. Connor	June 30, 1927	2 yrs.
Northeastern Junior High	John J. Malone	June 30, 1927	5 yrs., 1 mo.
Southern Junior High	Beulah N. Foye	June 30, 1927	34 yrs.
Southern Junior High	Blanche G. North	June 30, 1927	5 yrs.
Western Junior High	Ruth A. Maxwell	December 23, 1927	11 yrs., 3 mos.
Western Junior High	John J. McLaughlin	*October 29, 1927	4 yrs.
Western Junior High	Elizabeth J. Stolba	June 30, 1927	10 yrs.
Boys' Vocational	H. Ralph Aubin	June 30, 1927	4 yrs.
Boys' Vocational	Charles A. Perry	June 30, 1927	7 yrs.
Prescott	Dorothea S. Daly	*August 9, 1927	22 yrs.
Rennett	Cora B. Gowen	†March 23, 1927	34 yrs.
Pope	Harriet M. Clark	†December 23, 1927	35 yrs., 4 mos.
Glines	Isabel J. Tift	June 30, 1927	4 yrs.
Bingham	Ruth A. Gilman	November 2, 1927	4 yrs., 2 mos.
Bingham	Margaret M. Callahan	*March 4, 1927	24 yrs., 6 mos.
Burns	Margaret D. Quarrie	June 30, 1927	1 yr.
Highland	Genevieve H. Peak	October 28, 1927	21 yrs., 7 mos.
Cutler	Annie H. Hall	*April 24, 1927	2 yrs., 8 mos.

* Died

† Retired

TABLE 21—TEACHERS ELECTED IN 1927

School	Teacher	Coming From	Salary	Service Began
High	Nettie V. Eastman	Somerville	\$1,700	January 1
High	Eva M. Piercy	Needham	1,800	September 1
Northeastern Junior High	Lena M. Johnson	Swampscott	1,800	September 1
Northeastern Junior High	Ruth S. Moore	Somerville	1,400	January 1
Northeastern Junior High	Wilbur E. Parker	Not teaching	2,200	September 1
Southern Junior High	Lila G. Perry	Keene, N. H.	1,300	September 1
Western Junior High	Gertrude W. Chapin	Boston	1,300	February 2
Western Junior High	Florence R. Haley	Northbridge	1,600	September 1
Western Junior High	Doris G. Tolman	Somerville	1,500	September 1
Boys' Vocational	John F. O'Neil	Somerville	2,200	September 1
Boys' Vocational	Frank W. Turner, Jr.	Somerville	2,300	September 1
Boys' Vocational	Gustav Virchow	Not teaching	2,300	September 1
Baxter	Bertha M. Connor	Somerville	1,300	September 1
Bingham	Mary A. Earle	Seekonk	1,200	September 1
Bingham	Katherine Henchey	Somerville	1,200	September 1
Burns	Marjory E. Drew	Manchester, N. H.	1,700	September 1
Cutler	Edith F. Harding	Malden	1,400	January 31
Atypical	Melda S. Givan	Boston	1,500	September 1

Table 22—Leave of Absence of Teachers

Elizabeth M. Warren, from February 28 to end of the school year and from the opening of school in September to October 17.
Dorothy C. Lewis, from April 1 to the end of the school year.
John J. Malone, from March 22 to the end of the school year.
Mabel E. Mansir, for the school year ending June 30, 1928.
Ruth E. Danforth, for the school year ending June 30, 1928.
Helen T. Smith, for the school year ending June 30, 1928.
Elizabeth M. Welch, from the opening of school in September to October 5.
Elizabeth A. Stolba, from September 1 for three months.
Marion H. Hathaway, from September 1 for four months.
Carrie T. Lincoln, from November 11 to the close of school in June, 1928.

Table 23—Transfers of Teachers

Teacher	From	To
Anne M. Mahoney	Pope	Knapp
Etta R. Holden	Knapp	Northeastern Jr. High
Elizabeth M. Warren	Northeastern Jr. High	Lip Reading Class
Gertrude I. McEachern	Knapp	Southern Jr. High
Raymond E. Shepherd	Vice-Principal, Southern Jr. High	Master, Southern Jr.
Francis A. Ryan	Knapp, Perry, Baxter	Bennett
John S. Emerson	Bennett	Knapp, Perry, Baxter

Cadets**1926—1928**

Marguerite Connolly	Barbara Harding	Marie E. Kenney
Berenice Coyne	Olive E. Holmes	Wilfred H. Roberts
Marie B. Damery	Hazel Leith	Helen M. Smith
Florence V. English	Helena Mary Leyden	Florence Sullivan

1927—1929

Winifred M. Ford	Rose L. Felt
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Table 24. — Number of Teachers.
FOR A SERIES OF YEARS.

YEAR.	High School.	Junior High Schools.	Elementary Schools.	Special Teachers.	Assistants not in Charge of Room.	Contin.	Amer.	Men.	Women	Total.
1912	66†	.....	252*	22	9	.....	.....	40	309	349
1913	68†	.....	257*	28	12	.....	.....	39	326	365
1914	75†	.....	266*	30	20	.....	.....	44	347	391
1915	76†	.....	272*	31	15	.....	.....	45	349	394
1916	77†	.....	290*	30	15	.....	.....	46	366	412
1917	70†	65	258*	33	17	.....	.....	49	374	423
1918	70†	108	207*	28	5	.....	.....	49	369	418
1919	70°	106	207*	26	9	.....	.....	48	370	418
1920	69°	113	212*	23	8	.....	.....	54	371	425
1921	75°	115	216†	25	14	5	2	60	392	452
1922	72†	114	216†	22	16	5	2	57	390	447
1923	75°	120	222†	24	18	4	2	55	410	465
1924	76°	117	221†	24	16	4	2	59	401	460
1925	76°	118	229†	23	16	4	2	59	409	468
1926	75°	118	228-	27	11	3	2	58	406	464
1927	77°	123	233-	30	11	3	1	62	416	478

†Including a secretary.

*Including four kindergartners.

†Including seven kindergartners.

- Including nine kindergartners.

oIncluding a secretary and a matron

Table 25—BOOKS AUTHORIZED FOR USE, 1927

For High School**As Text Books:—**

Physiology and Hygiene for Secondary Schools, Francis M. Walters—D. C. Heath & Co.
Practical Chemistry, revised 1927 edition, Black and Conant—Macmillan Co.
Laboratory Manual to accompany above.
Early European History, Hutton Webster—D. C. Heath & Co.
Narrative and Lyric Poems for Students, Seward—Henry Holt & Co.
The Cruise of the Cachalot, Bullen—D. Appleton & Co.
Boy Life on the Prairie, Hamlin Garland—Allyn & Bacon.
Daniel Boone, Stewart Edward White—Allyn & Bacon.
Kidnapped, Robert Louis Stevenson—Macmillan Co.

For Elementary Schools**As Text Books:—**

Atlantic Readers, Book I, The Understanding Prince; Book II, High and Far; Book III, The Wonderful Tune, edited by Randall J. Condon—Little, Brown & Co.
Study Readers for Grades III, IV, V, and VI, Walter, Parker, Summy—C. E. Merrill Co.
Folk Tales Retold, Arnold and Breen—Bruce Pub. Co.
The Land of Play, Ketchum and Rice—Ginn & Co.
Speaking and Writing English, Book One for Third Grades, Sheridan—Kleiser—Mathews—Benj. H. Sanborn & Co.
Beginner's History of the United States, Woodburn and Moran—Longmans, Green & Co.

As Reference Books:—

First Lessons in Nature Study, Edith M. Patch—Macmillan Co.
Searchlight Arithmetics, Introductory Books, Buckingham—Osburn—Ginn & Co.

Table 26—HIGH SCHOOL GRADUATION

The graduation exercises of the High School occurred
Wednesday, June 15, 1927.

ORDER OF EXERCISES

* * *

JOHN J. HAYES, Vice-Chairman of the School Committee,
Presiding.

1. OVERTURE—"March Militaire".....Schubert
High School Orchestra, Elmer A. Birdsall, Leader
2. PRAYER—Rev. H. Douglas Pierce,
Pastor Winter Hill Baptist Church
3. RESPONSE.....Praetorius 1600
Graduating Class
4. SELECTION—"Der Freischutz".....Weber
High School Orchestra
5. CLASS ORATION—"Much Has Been Given"
John H. Ramsey
6. SINGING—"Chorus of Bacchantes".....Gounod
Graduating Class
7. CLASS POEM—"Alma Mater"
Lorna M. Proudfoot
8. DUET—"Night Hymn at Sea".....Thomas
Eleanor T. Ross and Marion K. McCarthy
9. ADDRESS TO GRADUATES
Hon. Charles L. Underhill
10. VIOLIN SOLO—"Les Adieux".....Sarasate
Frances M. Bonney
11. PRESENTATION OF DIPLOMAS TO GIRLS
12. SINGING—"Native Music".....Victor Herbert
Graduating Class
13. PRESENTATION OF DIPLOMAS TO BOYS
14. SINGING—"Class Ode".....William Francis Chisholm
Graduating Class
15. POSTLUDE—"Boston High School Cadets".....Sordillo
High School Orchestra

Singing and Orchestra under the direction of Harry E. Whittemore,
Director of Music in the public schools.

SOMERVILLE HIGH SCHOOL

LIST OF GRADUATES

JUNE, 1927

*Graduated with honor

GIRLS

Helen Lillian Aikins
 Ruth Irene Allen
 Christina Margaret Anderson
 Josephine Maryrose Angelo
 Maud Esther Attridge
 Violette Frances Ayer
 Helen Elizabeth Ayles
 Louise Frances Bailey
 *Attilia Mary Balboni
 Eleanor Evelyn Balboni
 *Blanche Elaine Baptista
 Eleanor Louise Baratta
 Nella Adline Baroni
 Mary Josephine Basile
 Grace Brow Beattie
 Pearl Esther Bengonze
 *Dorothy Ella Benjamin
 Ethel Louise Bignotti
 Manila Hope Blaisdell
 Marion Margaret Blake
 *Helen Thompson Blish
 Alice Emeline Blundell
 Angelina Adeline Bocchino
 Frances Marguerite Bonney
 Ellen Frances Brennan
 Marion Frances Brennan
 *Mary Rita Bridges
 Bernardine Buccelli
 Lena Ida Buchman
 Hilda Louise Buonomo
 Helen Ray Burke
 Evelyn Thelma Burr
 Mary Amelia Cabral
 Catherine Mary Calandrella
 Harriet Charles Caldwell
 Margaret Jane Campbell
 Anna Christina Louise Canniff
 Laura Carbone
 Mildred Gertrude Carey
 Mary Agnes Casey
 Anna Josephine Cashman
 Muriel Love Caverno
 Dorothy Lydia Cheney
 Serafina Frances Ciambelli
 Helen Elizabeth Clement
 Helen Emmagene Clement
 *Louva Frances Cogswell

Esther Annie Cohen
 *Sarah Cohen
 *Esther Frances Colby
 Eunice Barbara Collupy
 Alyce Whidden Conroy
 Ruth Gertrude Copithorne
 Helen Josephine Coughlin
 Audrey Cox
 Muriel Evelyn Cox
 Anne Margaret Cronin
 Elizabeth Pettit Crook
 Marjorie Cloudman Cullington
 Margaret Elizabeth Curran
 Dorothy Louise Davies
 Reita Bernice DeLong
 Lillian Dorothy DeMita
 Ines Marie DeSimone
 Ruth Margaret Devine
 Doris Alice Dixon
 Dorothy Mae Dixon
 Priscilla Olive Dodge
 Alice Helen Doherty
 Irene Veronica Doherty
 Grace Agnes Donahue
 Nora Eileen Doncaster
 Ruth Elizabeth Dugall
 Charlotte Helena Downey
 Pearl Olive Doyle
 Leona Catherine Dunham
 Martha Doris Dunn
 Dorothy Veronica Durant
 Marion Helen East
 *Edna May Elder
 *Lillian Elizabeth Elliott
 Stella Roberta Ellis
 Harriett Adams Emery
 Muriel Sofia Christina Erlandson
 Muriel Parker Eyster
 Lillian Margaret Fairbairn
 Ethel Irene Fallon
 Marguerite Josephine Farley
 Elizabeth May Faulkner
 Lucille Eugenia Ferris
 Mildred Langille Fife
 Margaret Mary Fitzgerald
 Katherine May Flanagan
 Margaret Kathryn Foley
 *Lillian Catherine Fontana
 Gladys Florence Foster

- Mildred Alfrida Friberg
 Anne Louise Garrity
 Mildred Madeline Gaudet
 Sadie Katherine Jacobbe
 Jennie Matilda Gilbert
 Margaret Elizabeth Gillen
 Priscilla Frances Gobron
 Frances Mary Gordon
 Jennie Gramatis
 Barbara Heloise Greene
 Ruth Hurd Grout
 Alice Stella Haggerty
 Winifred Hails
 Abbie Messenger Hall
 Edith Parker Hall
 Katherine Veronica Hanley
 Ruth Marion Hanlon
 Helen Elizabeth Hardy
 Alice Irene Harrington
 Mary Louise Hartshorn
 Kathryn Charlotte Marie Hayward
 Doris Olive Hildred
 Thelma Grace Hill
 Lois Merserve Honnors
 Marjorie Agnes Hopkins
 Martha Ellen Howard
 Elizabeth Brechen Hunt
 Margaret MacKenzie Hurd
 Alice Burnadette Hurley
 Winifred Josephine Hurley
 Genevieve May Ingalls
 Lilah Ruth Jackson
 Muriel Louise Jex
 *Alice Dorothy Johnson
 Alice Elizabeth Jeannette Johnson
 Veronica Rosalie Kane
 Emily Mae Kawabe
 Christine Mary Keith
 Helen Kathleen Kelley
 Ruth Marian Kelley
 Lillian Josephine Kelly
 Lucy Lorraine Kelly
 Louise Honoré Killory
 Eva Wilson Kimpton
 Ruth Morgan Kimpton
 Caroline Kinder
 *Muriel Pearson King
 *Gertrude Otilie Kohler
 Helen Bertha Lang
 Jennie Lillian Langone
 Helen Alice Lavers
 Christie Evelyn Leadbetter
 Constance Rita Leal
 Shirley Lebovich
 Dorothy Lillian Leeman
 Dorothy Hughes Lewis
 Florence Augusta Lewis
 Isabella Margaret Leyden
 Eleanor Rose Linehan
 Mabel Robertson Locke
 Harriet Ruth Logan
 Philomena Catherine Lombardi
 Dorothy Marie Long
 Ruth Mabey
 Ina Helen MacCaskill
 Emma Adaline Macdonald
 Frances Anne Macdonald
 Edna Bleaklie Macfarlane
 Irene Isabelle MacGillivray
 *Marie Dervin MacIntyre
 Florence Lillian MacKay
 Christina Flora MacLeod
 Helen Josephine Mahoney
 Mary Agnes Mahoney
 Beatrice Annette Malatesta
 Alice Lenora Malvey
 Marjorie Hunt Mann
 Helen Mary Manning
 Irene Adora March
 Teresa Dunbar Mark
 Marian Marshall
 Vincelovia Matulis
 Helen Elizabeth McAuley
 Eleanor Mary McAuliffe
 Ethel Helenor McCarthy
 Marion Kathleen McCarthy
 Mary Josephine McCarthy
 Letitia Louise McConlogue
 Mary Kathryn McDermott
 Rose Dorothy McGrath
 Catherine Mary McLaughlin
 Emily Marie McLaughlin
 Dorothy Margaret McMenimen
 Gertrude Martha McNamara
 Anna Gertrude McSweeney
 Mary Agnes McSweeney
 Mary Beatrice Mellow
 Rora Touraine Melville
 Bena Columba Membrino
 Margaret Elizabeth Merritt
 Eleanor Mitrano
 Dorothea Catherine Monahan
 *Frances Eleanor Mullen
 Catherine Caroline Murphy
 Ethel Elizabeth Murphy
 Kathryn Veronica Murphy
 Mary Gertrude Murray
 Mary Nahigian
 Dora Natalie Naiman
 Frances Naugler
 Mae Eleanor Newell
 Audrey Jeanne Nowell
 Catherine Minetta O'Leary
 Myra Frances Page

*Queene Takoohy Pambookjian
Catherine Papathanasi
Doris Alfa Pearson
Dorothy Clementine Perkins
Evelyn Florence Perry
Evelyn Marie Peterson
Belle Adalyn Petit
Helen Maude Phillips
Norma Lee Preston

*Lorna Margaret Proudfoot
Janet Hunter Putnam
Esther Catherine Quinn
Dorothy Edith Ralston
Helen Marie Ranaghan
Catherine Jane Reardon
Gladys Rosamond Reardon
Elizabeth Simmons Reed
Ida Grace Reid

Mary Elizabeth Reilly
*Gertrude Reynolds
Grace Rosamond Rhodes
Ruth Ann Riley
Eleanor Robinson
Evelyn Rose Robinson
Mary Adrienne Rooney
Beatrice May Ross
Eleanor Temple Ross
Colomba Antoinette Rubino
Betty Stodder Russell
Svea Greenborg Russell
Jennie Marsh Sachs

*Marguerite Sanborn
Marie Betsey Santos
Mary Sarkesian
Margaret Mary Saunders
Charlotte Whipple Sawyer

*Ruth Henrietta Schelin
Gertrude Lucille Searle
Mildred Cathleen Shea
Marion Esther Sherman
Ruth Elizabeth Sibley
Lillian Charlotte Sigel
Lillian Grace Silliker
Lydia Jane Smith

*Loretta Mary Sousa
Alma Frances Spiers
Helen Constance Springer
Grace Ludlow Stowell
Helen Emily Strehlis
Margaret Mary Sullivan
Beatrice Evelyn Tarlson
Marguerite Agnes Tashjian
Sarah Tashjian

*Audrey Taylor
Florence May Taylor
Edna Whitney Thompson
Rose Marie Tirabassi

Anne Marion Toland
Mildred Frances Treible
Ann Caroline Tucker
Florence Lillia Underwood
Ruth Alice VanUmmersen
Helen Louise Walker
Helen Mary Walsh
Alice Gertrude Warren
Edna Fae Warren

*Dorothy Catherine Watkins

*Ella Rosamond Watson
Frances Holmes Vaughn
Anna Weidhorn
Florence Augusta Wentworth
Esther Margaret Whittaker
Elsie Louise Wooldridge
Marjorie Louise Worthylake
Helen Ann Wright

*Alvina Margaret Yacapucci
Alice Areleen Yoston
Josephine Pauline Zuffante
*Estelle Williams Zwicker

BOYS

Virgilio Guy Aiello
Ezra Andelman
Frank Richard Andersen
Clyde Melvin Armstrong
Frank Norman Armstrong
Cleon Everett Babcock
Charles John Louis Bacigalupo
Clifford Dexter Bain
Henry Eugene Baratta
Paul Hernon Beauchemin
Edward John Bergen
Joseph Angelo Bertelli

*Peter Anthony Bertocci
James Edward Bickford
George Henry Bielis
John Francis Bigley
Elmer Ackerman Birdsall
Thomas David Bloomer
Joseph William Bollard
Frederick John Bowen
Robert McColloch Boyden
Haig Armand Bozigian
Henry Sharp Bradbury
John Joseph Brown
Joseph Burgatti
Thomas Francis Burke
William Vincent Burns
James Edwin Butters
Joseph Campagna
*Robert William Card
*James Joseph Carney

Lawrence Carra	Dante Louis Gattoni
John Francis Carroll	John Aloysius Geary
George Everett Carter, Jr.	Herbert Lyle Gilbert
Jerry Anthony Caso	Chester L. Gilliatt
Arthur Victor Cavnano	William Wood Gillis
William Francis Chisholm	Julian Merrill Glidden
Sheldon Christian	Samuel Goldberg
Frank Ciampa	Myer Goldstein
Frederick Albert Clark	Paul Grandison Grady
John Joseph Coffey	Benjamin Robert Graham
Roger Cohen	Lawrence Kendall Gray
George William Cole	Norman Eldredge Greene
Matthew John Connell	Harold Francis Greenough
John Joseph Conway	Francis Philip Griffin
Ralph Howard Conway	Clarence Elliott Hall
Joseph Ryan Corish	Howard Francis Hallion
Richard William Cox	Robert Henry Hanlon
John Francis Coyle	*Joseph Bernard Harte
Irving Francis Crine	Richard James Hassett
Thomas Dudley Crockett	John Francis Herrick
Raymond Clifford Cronin	Herbert Edward Hill
Charles Herbert Crowe, Jr.	Gordon Damon Hoffses
Sumner Willis Curtis	Donald Paul Hurd
George Albert Daily	Ernest Armstrong Hussar, Jr.
Vincent Ferdinand Joseph Damiano	Wilbur Chapman Irving
John Balano Davidson	Irving Isadore Isenstadt
Warren Ralph Day	Norris Rudolph Johnson
Dominic Joseph DeLorenzo	Rudolph John Oscar Johnson
Archie George DeMone	Gilbert Maurice Jones
Amleto Michael DiGiusto	William Charles Jones
James Henry Dingee	Richard Valentine Joyce
Salvatore DiRusso	Edward Francis Kelley
Anthony DiSilva	Nelson Howard King
George Florian Donegan	Walter Raymond Kinneen
Timothy Francis Donnellan	Earle Bonney Knapp
Edward James Downey	Charles Henry Krant
Manuel Charles Duarte	Earl William Landry
Edward Thomas Dunlea	Joseph Albert Lane
Lisgar Bowne Eckardt	Leo Isadore Lapidus
Edward Augustine Ellison	Isadore Larkin
Frank Mason Elwell, Jr.	Joseph Michael Leary
Edward James Falls	Horace Osborne Lewis
Herbert Henry Farr	Manuel Charles Lima
Lewis Webster Farrar	Theodore Thomas Litchfield
Rafford Lochead Faulkner	Sidney Gustav Lofblad
Arnold Douglas Finley	Howard Marshall Lowell
Charles Joseph Finn	James Stuart MacFarlane
Richard Cuddy Finn	Stephen Edwin MacIsaac
Myron Cornelius Fisher, Jr.	Charles Lester MacKay
Joseph Patrick Flynn	Elmer MacKinnon
Arthur William Foley	Sidney Alexander MacSween
Edward Patrick Foley	John Joseph Mahan
James Richard Ford	Daniel Francis Mahoney
Aubrey Leslie Fritz	Sarkis Manoog Malvemezian
Harold Sutherland Furness	Israel Marcus
Alfred Peter Gardner	Charles Sarkis Margosian
Ralph Lawson Garrett	Joseph Frank Marino

Kermit Colbath Marsh	William Patrick Saunders
John Martignetti	George Robert Sawin, Jr.
Byron Nichols Martin	Horace Elsworth Seaman
Harry Walter Martin, Jr.	*Maurice Llewellyn Sellers
Stewart Carleton Martin	Harry Bassett Seymour
Edmund James Massello	David Edward Shanahan
William Francis McCarthy, Jr.	Irving Shapiro
Paul LeRoy McCue	Morris Shapiro
Thomas Joseph McGovern	Edward Henry Skuse
Emory Allan McLean	Alexander Smeed
Charles Glidden Merry	Nathaniel Robert Smith
David George Miller	Anthony Edward Sousa
Joseph Millin	Donald Gordon Spaulding
Lewis Jesse Mitchell	William Spear
John Joseph Morley	Russell Colesworthy Squires
Raymond Lincoln Nason	*Lester Nelson Stanley
Erik John Nelson	Robert Leslie Stephens
John Francis Noonan	Albert William Stynes
Samuel Norris	James Leo Sullivan
Jason Eastman Nourse	Timothy Michael Sullivan
Kenneth Pressley Nunn	William Joseph Sullivan
*Richard William Obear	Charles Francis Taglino
Thomas Joseph O'Loughlin	Abraham Taitelbaum
Timothy Joseph O'Neil	Martin Tashjian
*Harold Franklin Ordway	*Henry Taylor
Charles Francis Orrell	Robert Edwards Thomas
Erwin Tyler Parkhurst	Leon Chester Tibbetts
Philip Ormsby Peasley	Leo Alphonsus Traverse
James Neil Peistrup	Edmund Bartholomew Tremblay
James Allan Peoples	Robert Llewellyn Tribe
Royal Carl Peterson	Lewis Charles Tuttle
John Ernest Pierce	Harold Crandall Urlwin
Goodwin Ryder Prentiss	Edward Vartabedian
Earle Howard Prescott	Benedict Ventura
Harold Lloyd Prince	Thomas John Walsh
John Henry Ramsey	James Francis Ward
*Charles Foster Ransom	Robert Roscoe Watts
George Norman Reamore	Harold Clarence White
Harry Anthony Reidy	Charles Stanley Whyte
Francis Vincent Reynolds	Carlton Holden Payson Williams
Carleton Bartlett Ripley	John Leslie Wood
Eugene Frederick Rohwedder	Nathan Yanco
William Michael Ryan	Joseph Henry Yeaker, Jr.
Arthur Odell Sanborn	

Total number of graduates, 521; boys 232; girls, 289..

Junior High School Graduations occurred in the school buildings on June 21, 1927.

LIST OF GRADUATES

Northeastern

GIRLS

Florence Alma Grace Adams	Florence DiCicco
Bertha Mabelle Allen	Priscilla B. Dionne
Frances E. Anderson	Violet Ella Dixon
Etta Lydia Austin	Margaret Doherty
Susan C. Ayer	Eleanor Louise Domenicis
Ida Evelyn Bearce	Mary C. Donahue
Alice M. Beard	Hope Elizabeth Dunn
Albertha M. Beckett	Alice Frances Durant
Susie Bellamacina	Violet Mary Elston
Catherine Bellanco	Evelyn Myrtle Fairbairn
Alva Vivian Bilodeau	Mary Anita Fannon
Charlotte Blish	Grace Rose Ferrara
Grace Bonanno	Dorothy Helen Forward
Jeannette Boraks	Agnes Catharine Frazier
Edith H. Borstell	Marion Elizabeth A. Frick
Dorothy A. Bozgian	Madeline Mary Geary
Mary Catherine Brennan	Margaret Louise Getchell
Frances L. Brown	Lillian Rose Gianino
Thelma M. Buckland	Mary Gianino
Emily Bullock	Florence Elizabeth Gigante
Thelma E. Butler	Ruth Marston Gilman
Lillian Callbeck	Eleanor Josephine Gleason
Lena Capomaggio	Elizabeth Louise Gleason
Flora Elizabeth Capone	Nora Lee Goodman
Margaret Elizabeth Carroll	Mildred Natalie Griswold
Helen Veronica Cashman	Carmela Elizabeth Guarneri
Mildred Camella Caso	Jennie Guarneri
Elvira Margaret Cassell	Ethel Marion Hale
Marguerite E. Chandler	Marion Haley
Lydia Y. Cincotti	Marie Hazel Hansen
Benita Gyola Coffin	Thelma May Hardy
Evelyn Marion Conlan	Mary Elizabeth Healey
Edna Mae Corbett	Jeanne Marie Henchey
Ruth Eleanor Corcoran	Josephine Agnes Henneberry
Mary Josephine Counihan	Thelma Florence Herman
Elizabeth Storey Elliott Cox	Alice L. Hodgdon
Esther M. Coyle	Marjorie Louise Holt
Laura A. Crabtree	Alice Caroline M. Hughes
Lillian Craft	Dorothy Frances Hughes
Muriel Craven	Lillian A. Hughes
Mary Crimmins	Edna B. Hunter
Aloyse Marie Curtin	Violet Mae Hutchings
Margaret Gloria Dalio	Edith Ida Ikan
Grace Emma Davenport	Carolyn A. Ingram
Angelina DeFuria	Elsie Flora Jacob
Angelina Mary Del Bene	Nathalie I. Johnston
Florence Denley	Dorothy C. Jones
Veronica Catherine Devine	Glenda Lorraine Jones
	Muriel Helen Jones
	Marion Edith Kadis

Eva G. Karadimetris
 Katherine A. Kennedy
 Marguerite Mary Kennedy
 Ina Bartolain Kosak
 Mary C. Lauro
 Marion E. LeRoy
 Laura Margaret Loveless
 Clara J. Lovering
 Ethel G. Lucas
 Ethel P. MacKenzie
 Marie Grace MacMillan
 Estelle Doris Mallett
 Nancy Gertrude Marquess
 Mary I. Marroni
 Bertha A. Marshall
 Eleanor May Martin
 Mary Ann Masino
 Gertrude Marie Masters
 Rose Anne McCashion
 Phyllis J. McIntire
 Dorothy May McMahon
 Miriam T. Merrill
 Alice G. Morrissey
 Doris Murphy
 Mary Catherine Murphy
 Fannie Nalbandian
 Elizabeth A. Newbold
 Bertha Roberta Oglesby
 Dorothy O. Ormiston
 Anne Margaret O'Rourke
 Edna Kathleen Osborne
 Vera Irene Osborne
 Laura V. Pacifici
 Angelina Mary Pagano
 Evelyn Frances Park
 Patricia F. Parker
 Alice Josephine Patten
 Clara E. Pellegrini
 Mary Ascension Perry
 Amy P. Peterson
 Marjorie H. Plumer
 Myrtle H. Plumer
 Dorothy M. Porter
 Susie Mary Puccini
 Agnes M. Quill
 Evelyn Katherine Quinn
 Muriel Ursula Ralston
 Annie L. Rawson
 Geraldine Alice Reardon
 Marion R. Reardon
 Mary P. Redmond
 Edith M. Reid
 Edna Harriet Reid
 Eva Mae Richardson
 Ruth I. Rideout
 Muriel Leona Rines
 Elizabeth May Roberts

Enid Margaret Roberts
 Mary Roe
 Scholastica Anna Romano
 Irene Elizabeth Rose
 Carolyn Blanche Russell
 Elizabeth Pauline Russell
 Lillian Mae Russell
 Annie Santarelli
 Ruth N. Schwartz
 Clare Frances Seretto
 Dorothy W. Shaw
 Albina V. Silk
 Helen Silverio
 Rose A. Skelton
 Lillian Dorothea Sloane
 Ada Smeed
 Dolly Alma Smith
 Eleanor A. Sousa
 Antonia J. Speranza
 Edith M. Spooner
 Mildred Louise Spurr
 Civitina Stefanelli
 Eva Shirly Stern
 Olga R. Storlazzi
 Anna Getrude Sullivan
 Margaret M. Sullivan
 Gertrude Della Terozowski
 Georgia Thompson
 Gertrude B. Thompson
 Blanche F. Tibbetts
 Vera Getrude Tripp
 Dorothy Irma Tucker
 Nora Louise Walsh
 Florence M. Wheeler
 Ethel Mae Whitcher
 Edith L. Williamson
 Alice L. Wilson
 Edith Lillian Wing
 Elizabeth A. Wyman
 Josephine A. Zagami

BOYS

Andrew H. Anderson
 Henry Lindsey Armstrong
 Robert H. Bain
 James C. Baird
 Albert Loring Banks
 William V. Baro
 Charles E. Beckwith
 Ralph Carl Bertolucci
 Raymond Bessett
 Raymond E. Blanchard
 Edward Bailey Boardman
 John W. Bolton
 Dana Lee Bowie

Gardner Douglas Boynton	George Francis Graham
Francis Joseph Brady	John R. Gray
Maurice Francis Breen	Russell Greaves
Arthur O. Brown	Erwin S. Griffith
Daniel F. Buckley	Ralph Martis Guerke
Robert H. Bullen	John J. Hamilton
Joseph J. Caezza	Thomas Francis Henneberry
Joseph A. Caliri	John Joseph Holland
George Travis Callahan	John Lydon Holmes
Earl Eugene Campbell	Richard W. Hoole
James M. Cannon	Gilmore Hurwitz
Armand G. Capone	Fred D. Jackson
Lyman Carr	Raymond Joseph James
Pasquale Frederick Censullo	Francis G. Jennings
Willard Dalrymple Chandler Junior	Clarence Frank Johnson
John E. Chapman	Lee Hanson A. Kenney
Kenneth T. Christian	Oscar F. Labossier
John Anthony Christopher	John Norman Laurendeau
Raymond W. L. Churchill	Cornelius K. Leary
Melvin Francis Clark	Harold Sumner Lebovich
Robert B. Clark	Joseph Francis LeSage
Robert Edgar Coe	Charles V. Leslie
Michael A. Cogliano	James M. Lockhart
Edward X. Corbett	Joseph William Logue
Edward Joseph Corcoran	Francis A. Lowney
John J. Coughlin	Gilbert Ralph MacDonald
Frank S. Coyle	William J. Macdonald
Frederick Francis Cummings	Aubrey C. MacFarlane
John G. Daley	Norman R. MacInnis
Albert John Daly	Earl F. MacLean
Charles Albert Dean	Donald E. Madden
Ronald E. Dermady	James Peter Mahoney
Anthony DiChiappari	Walter C. March
Wayne H. Dingee	Hugo Marchi
Robert Lloyd Doeg	Reynold Joseph Marcotti
Walter Francis Donahue	George E. Maskell
James Joseph Donegan	Ralph Mason
John R. Driscoll	Russell Hatton Maynard
Sedley Francis Dunlap	Anthony Maurice Mazzocca
William K. Dunn	Thomas Paul McCormack
Arthur Peter Ercolini	William Vincent McDonald
Francis W. Escott	Edwin H. McKenzie
Daniel Webster Fairbanks	David McQueston
Edward Bernard Fannon	Harlowe W. Medland
Stephen A. Fiore	Robie Edward Miles
William Flynn	Clarence R. Mullen
Francis Ernest Foley	James J. Murphy, Jr.
Nestor S. Foley	Albert J. Nagle
Herbert Charles Fonseca	Theodore W. Nelson
Francis S. Forte	Francis Charles Nevins
Donald Sidney Fryer	John Wilbur Nickerson
Antonio Fucile	Fletcher F. Oakes
Maurice Geary	Jeremiah J. O'Brien
George Frederick Geisler	Daniel Warren O'Connor
Kenneth Crawford Gerrish	John Joseph O'Keefe
Frank Joseph Giacobbe	John O'Neil
Percy B. Goodwin	Alden Arthur Osgood

Paul H. Ouimette
 Frank Paliuca
 Gerald Curtis Pare
 Louis A. Parker
 Walter C. Patten, Jr.
 Guy A. Petralia
 Cosmo Joseph Polito
 David I. Pugatch
 Andrew Punzo
 Harold William Ramsey
 Leo Joseph Rinaldi
 Arthur T. Rogde
 Arthur W. Rose
 Martin D. Rose
 Archie N. Rudolph
 Thomas F. Ryan
 William Bennard Sacco
 George R. Santarasci
 John Santarasci
 Leon Sarkisian
 Samuel G. Saval
 Frank A. Scioi
 Charles Edward Scott
 Alfred E. Scrocca
 William Henry Francis Seabrook
 Joseph F. Sheehan
 Bernard James Smith

Earle K. Smith
 Henry J. Solari
 Eugene C. Spencer
 George Clifford Stamper
 Elmer L. Stephens
 Hilary T. Stevens
 Lester W. Stokes
 Sam Nicholas Stratis
 Cornelius J. Sullivan
 Raymond F. Sullivan
 Harold Elbert Sykes
 Maurice Glavin Thornton
 Edward Thomas Tonry
 Sydney F. Towle
 Ernest P. Tremblay
 Joseph Anthony Velleca
 Nathaniel P. Vitito
 Edmund Wall, Jr.
 Henry H. Wiessman
 William Joseph Welch
 Edward Denton Windsor
 Edwin O. Wyatt
 Harry Wyner
 William E. Younker
 Henry Zanoni
 Herbert Zidel

Southern

GIRLS

Anna Mae Anderson
 Dora Anna Mary Bacci
 Julia Rose Baratta
 Rose E. Barchey
 Dorothy Elizabeth Barr
 Henrietta Marie Bates
 Thelma Marie Belle
 Lucie E. Benedetto
 Angelina M. Bernicchi
 Louise Agnes Berselli
 Margaret Frances Bettincourt
 Generosa Marie Bianchino
 Helen Louise Blood
 Patricia C. Bloomer
 Dorothea M. Bogan
 Mary Grace Bonanno
 Alice L. Bonelli
 Mary Catherine Boyce
 Rose V. Brady
 Elvira M. Brandosi
 Elise Frayne Bratton
 Etta M. Cabral
 Olga Mary Rose Cangiano
 Helen Capuano
 Ida C. Carbone

Antoinette P. Carboni
 Hilma E. Carlson
 Doris Carson
 Ruth Frances Cashman
 Florence M. Cavicchi
 Eunice Elizabeth Chase
 Elizabeth Grainger Coleman
 Hallette Searcy Conant
 Elizabeth Theresa Coughlan
 Mildred Josephine Crocker
 Jessie Gertrude Cunningham
 Anna Agnes Davis
 Evelyn C. Dempsey
 Sarah Denaro
 Louise M. Dente
 Clementina P. Dente
 Ursula Marie Derfus
 Concetta Di Luna
 Esther Marie Doolin
 Florence Mary Dwyer
 Sophie Helen Eident
 Fermor H. Feathers
 Dora Feinstein
 Ernestine M. Ferreira
 Margaret Mary Fitzgerald
 Lois Evelyn Fogg
 Anna T. Galvin

Julia Veronica Gately	Doris Adlaide Pierce
Ida Gatti	Margaret Alice Pike
Catherine Elizabeth Gayne	Mary E. Pizzelli
Bernice Anna Goldstein	Pauline A. Pryszmont
Anna Gomes	Josephine Puntieri
Dorothy A. Gosse	Bedeskhan Purperian
Margaret Mary Griffin	Margaret B. Rae
Narina Louise Guazzaloca	Thelma Louise Redman
Lillian B. Haggerty	Gertrude Alice Reed
Mary Elizabeth Haggerty	Dora I. Resnick
Mary Agnes Harris	Catherine Louise Roche
Catherine M. Hess	Elma Mary Salvi
Grace Jenkins Horton	Anna May Sanderson
Jean Irene Howell	Concetta Santeusanio
Dorothy Husselbee	Frances Veronica Sharpe
Ethel James	Charlotte M. Shaw
Isabelle Kacherian	Evelyn Marie Shea
Mary M. Kennedy	Kathleen Audrey Shea
Katherine Frances Kidston	Doris Estelle Shepardson
Elinor Komenda	Elizabeth Lillian Sherman
Emma Lagamorsino	Mary Emelia Silva
Margaret Theresa Frances Lane	Mary M. Silva
Ruth E. LeSage	Ursula Maud Simmons
Florence L. Luppi	June Brundage Simpson
Harriet Christina Luther	Mary Agnes Simmons
Pauline Lorraine Lutz	Mary M. Small
Helen C. MacDonough	Grace Marion Smith
Margaret C. MacEachern	Ida Solari
Amy Barbara MacLaughlin	Nellie Stern
Helen R. MacMillen	Alice M. Sugrue
Angelina M. Magliozzi	Catherine Theresa Sullivan
Bernice Marie Magwood	Helen Grace Thimot
Rose Mary Manzi	Mildred Alvenea Thompson
Camilla M. Marino	Esther S. Travers
Margaret E. McDonough	Mary E. Troy
Mary Louise McMaster	Evelyn C. Underwood
Gladys Elizabeth Mercer	Louise Adeline Vecchiarello
Emma H. Merlini	Anna Elizabeth Waters
Caroline I. Meyer	Grace Mabel Wellington
Nancy Marie Meyer	Marion Louise Wheeler
Ethel Rose Miller	Dorothy Marguerite White
Beatrice Gertrude Molan	Isabelle Catherine White
Loretta Marie Morley	Ruth E. Witham
Mary Winifred Mulcahy	Helen Leggat Wood
Gertrude Louise Murphy	Annie Frances Floris Wright
Grace M. Murphy	Cecelia Zanetti
Louise Claire Murphy	
Mary Elizabeth Nangle	
Ethel I. Nelson	
Mary Teresa Neylon	
Mary Nocivelli	
Marion C. O'Brien	
Catherine G. O'Connor	
Helen Louise O'Rourke	
Evelyn Elizabeth Parker	
Helen Olive Parkinson	
Beatrice Pearls	
	BOYS
	Delelmo H. Alberghini
	Eugene John Albertine
	William Barton Allen
	Carl Alpert
	Albert A. Antolini
	Donald Charles Austin
	Chester Walter Baker
	John Boyd Bain

Hugo John Baldi	John J. Hess
Lawrence G. Basteri	William Hughes Higgs
Albert Bergazzi	Wentworth Moody Horton, Jr.
Caesar Angelo Bertelli	Carmine C. Iannaccone
John Fredrick Bird	Barney Jaffe
Charles Everett Bishop	Levi E. James
Charles F. Bowden	Charles Edward Johnson
Ernest Brenner	Raymond A. Johnson
Francis Harold Brown	Theodore P. Kachauni
Sumner Bartlett Bruns	Joseph Francis Kearney
Eugene W. Buckley	Otto E. Lane
Arthur C. Bulgaris	John W. Lawless
Thomas J. F. Burke	Manuel Lema
Armando V. Bussolari	Raymond Joseph Lewis
Murlin Clyde Campbell	Maurice William Lucas
Francis T. P. Canniff	John Arnold Lundquist
Lewis Henry Carbone	Edward S. Luther
Francis James Cardillo	Archie F. MacInniss
Raoul Joseph Caron	Wilbert F. MacKay
Edward Joseph Carroll	Albert R. Mackinnon
P. Walter W. Cenerazzo	Loner Daniel MacNeil
Arnold Linden Chute	Joseph Leo McDonald
John L. Collins	Thomas Francis McGann, 2nd
Robert Garrett Collins	Francis A. McInnis
John Bernard Conway	Clifford A. McKenney
Joseph T. Cotter	Clifton Ward McNeill
Anthony Crisafulli	Chester Herman Miller
Henry Llewellyn Cross	Frank Molino
William J. Davis	Albert James Mullen
John Joseph DeRosa	Francis Xavier Murphy
Laurence James Dervin	John James Murphy, Jr.
Benjamin J. DeSessa	Ardash Nalbandian
Wm. Dennis Dever	Joseph Nardone
Theobaldo Geno Thomas DiCicco	Maitland L. Nickerson
Dawson Arthur Dockray	Bruno Joseph Nicoli
Andrew S. Domings	Daniel L. O'Brien
Henry W. Driscoll	Joseph A. O'Brien
Hubert Willard Dunston	Joseph M. Pacheco
Arthur P. Dutra	Edward Francis Pasquina
Wilbur L. Fader	Raymond Joseph Pasquina
Peter Ferola	Walter B. Peterson
Edward T. Fitzpatrick	Charles D. Phillips
Thomas M. Flynn	Arthur J. Pietrantoni
John Vincent Forrest	Peter W. Polimeni
Alfred J. Gaumont	Peter A. Portesi
Robert John Gibb	Lewis A. Pratt
Kenneth B. Giberson	George Willard Priest
Phillips Brooks Giberson	Ira Chapman Prouty
Robert Jerome Glennon	Stanley Sylvester Puczito
Leo J. Graham	George Edward Quinlan
James Frances Griffin	Robert L. Ramsdell
Frank Guggina	Joseph Walter Ramskiwiw
Esau Hamwey	Charles Edward Rice
Charles W. Harvey	John Edward Rodgers
Daniel Edward Hayes	James Francis Ryan
James Carrol Heshion	Timothy Francis Ryan
Eugene Daniel Herlihy	Edward Ryberg Sahlin

George A. Samiotes
 Harry Schreiber
 Francis Waldron Seller
 William James Shanahan
 Francis Gerard Shea
 John James Shields
 Francis Robert Simmons
 Ralph Kenneth Skinner
 Lawrence Francis Smith
 Wilbur J. Smith
 David Snyder
 Edward J. Solano
 Frank James Sorenti
 John Arthur Spartos
 Russell Lawrence Spindler
 Enzo Joseph Spurio
 John T. Stymeist

Charles Thomas Sullivan
 John Lawrence Sullivan
 Irving J. Summer
 James Joseph Sutherby
 Frank A. Testa
 Joseph Freeman Tierney
 George F. Tobin
 Richard Gerald Tobin
 Alfred Hill Tousey
 Paul Tuccelli
 Philip Tuccelli
 Francis Nathaniel Urbati
 Philip Venuti
 Herbert Stuart White
 James Henry Williams
 Frederick Joseph Wills, Jr.
 George Atherton Wood

Western

GIRLS

Ruth L. Adams
 Vera C. Adams
 Florence Allison Amidon
 Helen Louise Anderson
 Katherine Austin
 Jennie M. Basteri
 Marjorie Helen Batson
 Thelma Louise Batson
 Grace Elizabeth Beyers
 Jessie I. Blundell
 Dorothy Lillian Bowman
 Mary L. Breen
 Irma Arline Brooks
 Ruth Luvella Brown
 Doris Bernice Buckler
 Rose E. Burke
 Maxine Lois Butnam
 Wanda W. Bykowska
 Colletta Josie Campbell
 Vivian E. Carpenter
 Louise Eleanor Cassidy
 Bernice Mary Chandler
 Beatrice F. Chapin
 Helen Chebook
 Jennie J. Chickering
 Eleanor C. Chisholm
 Grace M. Cleary
 A. Pearl Clive
 Sarah B. Clow
 Barbara Eleanor Coll
 Virginia W. Collupy
 Elizabeth Isabel Corbin
 Marion Dolores Cotter
 Margaret E. Coyle
 Mabel L. Craig
 Gertrude L. Crine

Rita G. Crochetiere
 Ruth Crosby
 Lucy Eleanor Dalton
 Mary Florence Stella Decost
 Gretchen J. Deeg
 Mary Louise Dempsey
 Rosemary Dickinson
 Arax Dinjian
 Alvera DiNapoli
 Louise Katherine Doherty
 Marjorie W. Dolloff
 Mary Agnes Donovan
 Margaret G. D'Orlando
 Edna G. Downes
 Dorothy Duff
 Gertrude Marie Dugan
 Edna B. Dunn
 Pauline Regina Duquette
 Dorothy Elder
 Gertrude Evelyn Ells
 Dorothy Hope Emery
 Helen Engelsen
 Marguerite G. English
 Esther A. Ericsson
 Anna Frances Erskine
 Sadie Mae Ferris
 Lois Virginia Flagg
 Margaret Rose Garabedian
 Bertha Mae Gauthier
 Dorothy Parker Gerry
 Ada V. Gillis
 Evelyn L. Gilmore
 Virginia Glass
 Galatia Godimis
 Mildred M. R. Goodman
 Ruth Louise Goodman
 Edith Duncan Gorman

Mary Frances Greenwood
 Clara Louise Grout
 C. Marie Halleran
 Brenda Marion Harrison
 Dorothy Louise Hayes
 Doris F. Haynes
 Edith L. Herne
 Madeleine Louise Hersom
 Olive V. Heurman
 Gertrude T. Hickey
 Erdine Lothrop Hinckley
 Esther Mildred Hodgdon
 Phyllis E. Hodgkins
 Mildred F. Holmes
 Eunice Miriam Hood
 Doris M. Hughes
 Virginia McDonough Hughes
 Winifred S. Hughes
 Doris Eleanor Hurd
 Dorothy E. Hurley
 Irma Ruth Hutchins
 Olga Lillian Huxtable
 Eva Louise Ivester
 Elinor R. Jefferson
 Isabel Eleanor Jodice
 Vera M. Johnson
 Marguerite M. Jones
 Madeline Eleanor Joyce
 Thelma Kachauni
 Frances Mae Kaharl
 Marion Kelly
 Constance Arlene Kenney
 Elizabeth Kent
 Helen E. Lamb
 Elizabeth Allen Lambert
 Leota Louise Laubinger
 Catherine Mildred Lawless
 Dorothy Ruth Lawrence
 Louise A. Ledwidge
 Thelma Harriet Le Farve
 Vera E. Lewis
 Leona Elsa Liehr
 Bronis A. Lusak
 Lillian E. Lynch
 Helen Claire Macdonald
 Muriel D. MacKenzie
 Alma Russell MacLeod
 Alice Louise Macy
 Ruth Ethel Mahar
 Bessie Josephine Malone
 Dorothy M. Markle
 Caroline T. Massa
 Irene Matel
 Elena Mazzearello
 Hazel A. McGrath
 Eileen B. McNamara
 Margaret Rhoda Merrill

Doris Gertrude Miller
 Muriel I. Mitchell
 Catherine Jeanette Molloy
 Beatrice Alice Moore
 Anna Marie Murray
 Bernadette M. Nadeau
 Ruth B. Northrop
 Edna Frances Nourse
 Genevieve Margaret O'Leary
 Winnifred R. Oliver
 Alice R. O'Neill
 Lillian Mary O'Neill
 Beatrice Pambookjian
 Dorothy A. Parnell
 Esther Muriel Partington
 Constance Charlotte Pearce
 Mabel Frances Pierce
 Evelyn G. Quinn
 Barbara M. Ramsey
 Constance Edith Reamore
 Helen Teresa Redmond
 Ethel A. Riess
 Katherine L. Riley
 Marjorie Alice Robinson
 Dorothy M. Sanborn
 Bertha Josephine Sanderman
 Catherine M. Savina
 Doris Scott
 Lois Rose Scoyne
 Grethell S. Simpson
 Martha E. Sliney
 Ethelynde Althea Small
 Eleanor Raynor Smith
 Margaret H. Smith
 Louise M. Soldani
 Dorothy N. Spalding
 Edith May Spector
 Rosamond Spinney
 Doris Elizabeth Spreadby
 Alice Stefanou
 Vilette Marion Stephens
 Alice Bernice Sullivan
 Eleanor Mary Sullivan
 Helen Frances Sullivan
 Doris A. Swanson
 Marion E. Sykes
 Gladys R. Sylvester
 Marion Frances Sylvester
 Hazelle Talbot
 Helen B. Thayer
 Elizabeth M. Thompson
 Sylvia Newell Thorburn
 Benedetta Trigilio
 Helen Catherine Turasz
 F. Irene Underwood
 Mary Beryl Wallington
 Marion Caryl Warnock

Alice Gertrude Waters
 Margaret C. Wescott
 Dorothy Alfa Whitcomb
 Cora Belle Whitehouse
 Winnifred Corror Wilcox
 Marion E. Wilson
 Dorothy Elizabeth Woodman
 Janet R. Woodman
 Muriel Evelyn Young
 Anna Mary Zec

BOYS

Sidney J. Adelman
 Warren V. Allen
 Paul Avanzino
 W. Marks Babcock
 Amadeo Tony Basteri
 Francis J. Bertolani
 Roderick Edward Bettencourt
 Alfred Biagioni
 Edmond P. Blake, Jr.
 Abraham Samuel Bloom
 Walter S. Bloom
 Charles Parsons Brooks, Jr.
 Lawrence W. Brown
 Gerald Frederick Buchert
 Francis C. Calhoun
 A. Harold Carlson
 James F. Cartier
 F. Alvin Cheever, Jr.
 Henry J. Ciccolo
 Earl H. Clements
 Edwin W. Connell
 Eugene S. Cox
 Prescott H. Crowell
 Harold L. Curtis
 Thomas C. Damery
 George Stewart Danielson
 Burton W. Davison
 John R. A. De Costa
 Joseph DeYeso
 Diran Stephen Dinjian
 Sumner Wilson Dodge
 Arthur Joseph Dolben
 George Douglas
 Carl B. Drevitson
 George Raymond Dunn
 Clarence Philip Eastman
 George Elmer Edwards
 Warren D. Elder
 Raymond John Ennis
 William Elmore Faulkner
 Francis Edward Felt
 Harry G. Fishburne
 Arthur F. Foote
 Laurence Oliver Freeman

Robert A. Friberg
 Charles Harold Garabedian
 Furio Philip Goduti
 Harry Edward Gould
 Edward Gray
 David Graham Greenlie
 Edmund W. Hadley
 Leslie Irwin Hall
 Percy A. Hall, Jr.
 Wilbert F. Hamilton
 Charles Augustus Harris
 George F. Hathaway
 Gordon Richardson Heath
 Clifford Edward Hoitt
 John L. Holmes, Jr.
 Norman E. Holmes
 William J. Howe
 Warren Moulton Hudson
 John W. Hueber
 James Edward Hughes
 Warren A. Humphrey
 Bernard Charles Jacobs, Jr.
 Carl E. R. Johnson
 Earl Gough Kernahan
 Kenneth W. King
 Arthur Maxwell Knopp
 S. Lewis Knowlton, Jr.
 Sherwood K. Lacount
 William F. Lavery
 Henry Harold Leith
 William J. Lohnes
 John Snodgrass Lyle
 Angus MacInnes
 Charles Murdock MacRae
 Arthur Wendell Mahar
 D. Edward Matheson
 Lawrence William Maunder
 Paul Edward McSweeney
 Wilfred A. Melanson
 Robert L. Millar
 Francis Moen
 James C. Moore
 Edwin J. Morey
 John A. Morse
 Myron Hillson Morse
 Robert Joseph Moseley
 Henry Nels John Nelson
 Lewis M. Newell
 E. Norton Nowell
 Joseph J. Olivieri
 William Carlton Olsen
 John T. Ormond
 Charles L. Orrell
 Lloyd James Osborn
 Ralph Carmen Palange
 Philip Prescott Parker
 Frederick Baker Parks

Hugh K. Paton
 John Eugene Perry
 Ernest William Peterson
 Charles Freemont Pierce
 Elmer G. Pierce
 Kenneth John Ray
 Edward S. Reed
 William I. Reed
 Robert Snaddon Reid
 Elmer C. Rice
 Earl Francis Robbins
 Benjamin Kenneth Robinson
 Kenneth Joseph Rondina
 Luther Murry Shipp
 Tyler K. Slawson
 Allen Fuller Smith
 J. Marshall Smith
 Wilbur Leonard Smith
 Gordon H. Snyder
 Kenneth R. Spinney
 Richard J. Steele

Elmer O. Stennes
 Howard Linwood Surret
 Otis Bernhardt Tholander
 John F. Towle
 James F. Townsend
 Walter R. Tracy
 Ugo J. Ugolini
 Oscar E. Vinje
 George M. Walker
 Edmund Ambrose Walsh
 W. Edward Wedlock
 Donald H. M. Welles
 C. Merrill White
 Harry E. Whittaker, Jr.
 Robert T. Whittaker
 Elliot J. Williams
 William L. Wilson
 George E. Wiseman, Jr.
 Boardman S. Young
 Fred H. Young
 Harold A. Young

TABLE 27—VOCATIONAL SCHOOL GRADUATES

Vocational School For Boys

James R. Geary
 Carl A. Gustafson
 Timothy M. Harrington
 Ralph Eugene Surette

TABLE 28—ORGANIZATION OF SCHOOL BOARD, 1928

School Committee

HERBERT CHOLERTON	.	.	.	.	.	.	.	Chairman
EDWIN A. SHAW	.	.	.	.	.	.	.	Vice-Chairman

Members

EX-OFFICIIS

LEON M. CONWELL, Mayor	.	.	.	.	.	17 Monmouth street
WILLIAM S. HOWE, President Board of Aldermen	.	.	.	.	.	15 Summit avenue

WARD ONE

FRANCIS J. FITZPATRICK	.	.	.	.	.	2 Austin street
WALTER E. WHITTAKER	.	.	.	.	.	135 Walnut street

WARD TWO

ELIZABETH J. CARNES	.	.	.	.	.	10 Mossland street
WILLIAM F. DEWIRE	.	.	.	.	.	5 Magnus avenue

WARD THREE

JOHN C. KELLEHER	.	.	.	.	.	8 Bigelow street
JAMES C. SCANLAN	.	.	.	.	.	36 Munroe street

WARD FOUR

ALICE P. RUSSELL	233 School street
MINNIE S. TURNER	64 Hudson street

WARD FIVE

FRANCIS J. DALEY	95 Partridge avenue
EDMUND M. LANIGAN	136 Lowell street

WARD SIX

HERBERT CHOLERTON	94 College avenue
EDWIN A. SHAW	63 College avenue

WARD SEVEN

WILLIAM NEWBOLD	12 Curtis avenue
CRAWFORD K. SWEELEY	25 Curtis street

Superintendent of Schools

CHARLES S. CLARK

Office: City Hall Annex, Highland avenue.

Residence: 75 Munroe street.

The Superintendent's office will be open on school days from 8 to 5; Saturdays, 8 to 10. His office hour is 4 o'clock on school days, and 8.30 on Saturdays.

Assistant Superintendent of Schools

EVERETT W. IRELAND, 138 Powder House Blvd.

Superintendent's Office Force

Mary A. Clark, 42 Highland avenue.

Mildred A. Merrill, 26 Cambria street.

Ruth E. Corwin, 46 Putnam street.

Marion E. Marshall, 30 Gilman street.

S. Regina Truelson, 38 Rogers avenue.

Alice I. Amidon, 27 Gorham street.

Bernice A. Tuck, 30-A Melvin street.

Board Meetings

January 2
January 30
February 27
March 26

April 30
May 28
June 25
September 24

October 29
November 26
December 31

TABLE 29—TEACHERS IN SERVICE, JANUARY, 1928

HIGH SCHOOL

Central Hill

Name and Residence	Salary	Began Service
John A. Avery, Head Master, 155 Summer Street	\$4500	1895
Everett W. Tuttle, Vice-Head Master, 62 Highland Ave.	3700	1895
John L. Hayward, Master, 242 School Street	2850	1913
Harry F. Sears, Master, 44 Orris Street, Melrose Hlds.	3125	1901
William W. Obear, Master, 10 Greenville Street	3400	1906
George M. Hosmer, Master, 132 Summer Street	3250	1901
Laurence A. Sprague, 17 Perkins Street, West Newton	2750	1906
Arthur N. Small, 11 Pembroke Street	3125	1916
Fred W. Carrier, 14 Lloyd Street, Winchester	2825	1915
George E. Pearson, 325 Highland Avenue	2800	1914
Charles B. Sylvester, 8 Plimpton Street, Cambridge	2775	1926
Wallace S. Hall, 37 Perkins Street, West Newton	2300	1919
Irving P. Colman, Greenbush	2550	1915
Albert O. Plantinga, 46 Melrose Street, Melrose	2575	1918
Forrest S. Miller, 8 Hudson Street	2575	1920
L. Thomas DeCelles, 46 Ware Street	2100	1919
Francis J. Mahoney, 45 Thurston Street	2500	1913
Frank L. Alcieri, 28 Jay Street	2500	1926
Helen L. Follansbee, 17 Pleasant Avenue	2400	1900
Harriet E. Tuell, 17 Pleasant Avenue	2525	1899
Eliazbeth Campbell, 39 Greenville Street	2500	1902
A. Laura Batt, 2 Madison Street	2500	1895
M. Helen Teele, 11 Jason Street, Arlington	2425	1895
Blanche S. Bradford, 163 Summer Street	2175	1903
Grace E. W. Sprague, 52 Mass. Avenue, Cambridge	2475	1908
Mrs. Lucy I. Topliff, 220 Walnut Street, Brookline	2000	1914
Ella D. Gray, 147 Walnut Street	2225	1901
Grace Gatchell, 67 Boston Street	2250	1906
A. Marguerite Browne, 32 Shepard Street, Cambridge	2350	1908
Esther Parmenter, 16 Mystic Lake Drive, Arlington	2250	1911
Annie C. Woodward, 144 School Street	2225	1906
Alice A. Todd, 82 Munroe Street	2175	1913
Mrs. Ella B. Flagg, 2 Hillside Avenue	2000	1911
Florence L. McAllister, 23 Wallace Street	2100	1913
Laura R. Cunningham, 62 Highland Avenue	2100	1914
Julia A. Haley, 88 Prospect Street	1900	1913
Mary C. Smith, 117 Prospect Street	2000	1916
Alfreda Veazie, 193 Linden Street, Everett	2000	1916
Mrs. Phebe E. Mathews, 159 Morrison Avenue	2250	1916
Irene C. Ritchie, 15 Willoughby Street	2250	1912
Ella W. Burnham, 58 Walnut Street	2150	1919
Mrs. Cornelia D. Pratt, 112-A Glenwood Road	2100	1919
Bernice O. Newborg, 235 Main Street, Medford	2250	1913
Louise M. Saunders, 391 Broadway	2150	1919
Gertrude W. Chaffin, 10 Copeland Terrace, Malden	1950	1916
Elizabeth M. Welch, 3 Washington Avenue, Arlington Hts.	2250	1919
Harriet M. Bell, 118 Charles Street, Boston	2175	1904
Margery Moore, 58 Walnut Street	2175	1920
Ruth E. Arrington, 37 Walnut Street	2050	1921
Margaret Cochran, 34 Hancock Street, Medford	2075	1921
Carmen Solano, 92 Pleasant Street, Brookline	2150	1922
Phebe R. Boole, 21 Sacramento Street, Cambridge	1950	1922
Ruby F. Sutherland, 46 Spring Street	2250	1922
Helen B. Ryan, 35 Columbus Avenue	2100	1918
Rena S. Hezelton, 287 Medford Street	2000	1909
M. Louise Hannon, 108 Thurston Street	2250	1923
Elizabeth Richards, 16 Ashland Street, Medford	2000	1923
Irene E. Kenney, 130 Summer Street	2025	1923
Inez M. Atwater, 98 Electric Avenue	1850	1923
Amy S. Irish, 59 Bailey Rd., Watertown	1875	1923
Katherine Quigley, 54 Myrtle Street	1875	1921
†Ruth E. Danforth, 252 Mass. Avenue, Arlington	1800	1926
Mrs. Helen G. Leitch, 108 Highland Avenue	2050	1924
Mary A. Hickey, 55 Kenmere Rd., Medford	2175	1918
Pauline D. Dodge, 222 Highland Avenue	1700	1925
Marguerite A. Ellison, 41 Boston Street	2000	1925
Helen C. Jackson, 36 College Avenue	1925	1923

TABLE 29—Teachers in service, January, 1928—Continued

Name and Residence	Salary	Began Service
Esther B. Lacount, 124 College Avenue	1775	1925
Lila H. Paul, 17 Clarendon Street, Malden	2050	1925
Nettie V. Eastman, 60 Grove Street, Auburndale	1800	1925
Eva M. Piercy, 36 College Avenue	1800	1927
*Alice E. Ayers, 19 Cutter Street	1400	1926
*John J. Hoban, 39 Mansfield Street	1600	1926
Agnes K. Gordon, 28 Alton Pl., Brookline	1500	1926
*Agnes M. Carven, 56 Baldwin Street, Charlestown	1600	1927
*Elizabeth Leach, 30 Winchester Street, Brookline	1400	1927
*Dorothy Arnold, 29 Walnut Street, Everett	1400	1928
Ann R. Dunleavy, Asst., 8 Central Street	600	1927
Martha M. Leftovith, Drawing Asst., 33 Lancaster Ter., Brookline	600	1927
Gladys B. Hastings, Librarian, 17 Pleasant Ave.	1650	1924
Gladys M. Grant, Matron, 34 Heath Street	1500	1926
Mabell M. Ham, Secretary, 156 Summer Street	1650	1906
Mildred F. Moses, Clerk, 183 Powder House Blvd.	\$25.50 per week	1924
* Temporary Teacher		
† Leave of Absence		

NORTHEASTERN JUNIOR HIGH SCHOOL

Marshall Street	Salary	Began Service
James S. Thistle, Master, 13 Conwell Avenue	\$3500	1924
Joseph S. Hawthorne, Vice-Principal, 233 School Street	2700	1915
Arthur J. Marchant, 60 Bartlett Street	2500	1914
Walter W. Newcombe, 49 Tennyson Street	2500	1917
Wilbur E. Parker, 10 Hampshire Street, Everett	2200	1927
Benjamin Q. Belonga, 24 Jackson Street, Saugus	2275	1922
Robert K. Hughey, 21 Myrtle Street, Malden	2250	1925
Alice M. Austin, 58 The Fenway, Boston	2000	1925
Mrs. Mina P. Bickford, 36 Emerson Street, Medford	1800	1903
Emma G. Blanchard, 146 Massachusetts Avenue, Boston	2050	1902
Mona Burke, 114 Oakley Road, Belmont	1600	1925
Adela L. Balch, 188 Central Street	2100	1921
Lillian A. Belanger, 75 Marshall Street	1650	1926
Marie Clifford, 1648 Mass. Avenue, Cambridge	1950	1907
Margaret J. Cotter, 8 Maynard Street, Arlington	1425	1925
George K. Coyne, 59 Preston Road	1550	1925
M. Virginia Crowne, 16 Central Road	1275	1925
Mrs. Clara B. Donlon, 73 Pleasant Street, Ayer	2025	1914
Lucy Dorr, 386 Common Street, Belmont	1800	1919
Kathinka Fessman, 1126 Boylston Street, Boston	2175	1912
Florence R. Gallagher, 16 Otis Street, Medford	2025	1918
Helen L. Galvin, 1111 Boylston Street, Boston	2025	1903
Mrs. Amelia M. Gray, 96 Magoun Avenue, Medford	1900	1920
Pertie I. Gray, 121 Hancock Street	2025	1917
Edyth M. Grimshaw, 107 Harvard Avenue, West Medford	1925	1909
Mrs. Elsie M. Guthrie, 50 Bromfield Road	2100	1919
Grace M. Henchey, 95 Thurston Street	1475	1926
Etta R. Holden, 9 Sanborn Avenue	2025	1908
Minnie A. Holden, 9 Sanborn Avenue	2025	1906
Lena M. Johnson, 59 Marshall Street	1800	1927
Anna E. Keating, 16 Newton Road, Arlington	1375	1926
Katherine T. Lombard, 112 Thurston Street	1525	1926
Mary F. Mead, 25 Monument Street, West Medford	2100	1905
Elizabeth J. Mooney, 1126 Boylston Street, Boston	2025	1904
Mrs. Ruth S. Moore, 28 Indiana Avenue	1575	1925
Mary E. O'Shaughnessy, 76 Derby Street	1850	1923
Alice M. Patterson, 35 Clewley Road, West Medford	1925	1919
Clara V. Pomeroy, 75 Marshall Street	1850	1926
Katherine E. Reycroft, 32 Winthrop Street, Charlestown	1750	1924
Catherine Scanlan, 36 Munroe Street	1200	1926
Mrs. Constance H. Scherer, 155-R Summer Street	1800	1917
Eleanor Scully, 3 Fairview Street, Newton	1475	1925
Mrs. Gladys M. Sheldon, 54 Spring Street, Melrose Hlds.	1800	1919
Velma B. Strout, 36 Francesca Avenue	2025	1918
May B. Thompson, 66 Highland Avenue	2125	1918

SCHOOL DEPARTMENT

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TABLE 29—Teachers in Service, January, 1928—Continued

Name and Residence	Salary	Began Service
Florence M. Wheeler, 138 Sycamore Street	2000	1924
Harriet H. Hawes, asst., 73 Bromfield Road	600	1927
*Mrs. Marion I. Whitney, 10 Sanborn Avenue	1300	1927
Ruth Fowler, Clerk, 45 Franklin Street	\$25.50 per week	1924
* Temporary Teacher		

SOUTHERN JUNIOR HIGH SCHOOL

Vinal Avenue	Salary	Began Service
Raymond E. Shepherd, Master, 128 Central Street	\$3350	1919
Arthur E. Gordon, 116 School Street	2200	1918
Melvin T. Carver, 247 Winthrop Street, Winthrop	2200	1917
Herbert H. Shallies, 268 Salem Street, Wakefield	2200	1923
Clara B. Sackett, 41 Vinal Avenue	1975	1891
Mrs. Gertrude W. Leighton, 159 Mill Street, Abington	2100	1895
Grace T. Merritt, 8 Charnwood Road	1925	1897
Lilla E. Mann, 17 Aldersey Street	1900	1902
Mrs. Mary B. Soule, 6 Aldersey Street	1875	1902
Leila L. Rand, 63 Berkeley Street	2100	1906
Nona E. Blackwell, 45 Ibbetson Street	1925	1906
Mrs. N. Theresa Hennessey, 44 High Street	2000	1909
Edith L. French, 52 Prescott Street	2025	1912
Emma J. Kennedy, 56 Walnut Street	2000	1912
Carrie M. Frost, 127 Highland Avenue, Arlington	1950	1920
Charlotte A. Holmes, 24 Cambria Street	2050	1899
Ada G. Macdonald, 43 Babcock Street, Brookline	1900	1914
Anna J. Coll, 65 Newton Street	2100	1916
Olive M. Brownell, 33 Walnut Street	1925	1919
Ruth H. Conner, 21 Cambria Street	2050	1921
Edith V. Blood, 21 Cambria Street	1950	1921
Mabel H. Eddy, 68 St. Stephen Street, Boston	2075	1922
Eleanor D. Campbell, 169 Highland Avenue	1900	1922
Ida Paly, 34 Adrian Street	1900	1922
Martha H. Hannon, 108 Thurston Street	2150	1923
Mrs. Helen T. Parker, 22 Chetwynd Road	1600	1923
Evelyn E. Weston, 21 Cambria Street	1975	1924
Mary L. Harrington, 1 Carver Street	1550	1925
Anne C. Donohue, 21 Cambria Street	1700	1924
Hortense F. Small, 91 Electric Avenue	2000	1912
Alice W. Jones, 255A Medford Street	2125	1925
H. Beatrice Bingham, 52 Pearl Street	1350	1926
Elizabeth D. Armstrong, 104 Summer Street	1300	1926
Lila M. Perry, 23 Walnut Road	1300	1927
Gertrude I. McEachern, 14 Sanborn Avenue	1625	1923
*Ruth E. Whittemore, 42 Powder House Blvd.	1300	1927
Beatrice M. Herson, Clerk, 62 Highland Avenue	\$25.50 per week	1924
* Temporary Teacher		

WESTERN JUNIOR HIGH SCHOOL

Holland Street	Salary	Began Service
Arthur L. Doe, Master, 27 Spruce Street, Malden	\$3300	1896
Walter P. Sweet, Vice-Principal, 71 Hume Avenue, Medford	2525	1919
Ralph E. Farnsworth, 19 Wolcott Street, Everett	2250	1918
Prescott E. Whitfield, 33 Walnut Street	2200	1921
Sarah E. Pray, 58 Liberty Avenue	1800	1877
Clara B. Parkhurst, 146 Highland Avenue	1800	1889
Edith F. Hersey, 266 Gray Street, Arlington	2100	1899
Annie G. Smith, 59 Maple Street, Malden	1900	1901
Mary L. Bryant, 41 Mason Street	2025	1903
Florence M. Hopkins, 288 Mass. Avenue, Arlington	1925	1907
L. Alice Grady, 19 Billings Avenue, Medford	2050	1912
Elizabeth R. Henderson, 152 Curtis Street	1950	1912
Marion F. Orne, 43 Fairmount Avenue	2125	1912

TABLE 29—Teachers in service, January, 1928—Continued

Name and Residence	Salary	Began Service
Mrs. Mae W. Conant, 62 Westminster Ave., Arlington Hts.	1800	1917
Marcella M. Garrick, 295 Lowell Street	2000	1917
Mrs. Blanche P. DeLand, 9 Hillcroft Pk., West Medford	1800	1917
Miriam E. Priest, 6 Hudson Street	1925	1917
Mrs. Geneva C. Farnsworth, 19 Wolcott Street, Everett	1800	1917
Helen A. Moran, 483 Medford Street	1950	1919
Emma M. Damon, 170 Central Street	2025	1908
Catherine E. Giles, 5 Bradbury Avenue, Wellington	2025	1918
Ellen L. Bellamy, 16 Gorham Street	2000	1921
Ethel M. Park, 71 Sycamore Street	2100	1916
Mrs. Lillias T. Lawton, 136 Neponset Avenue, Dorchester	2000	1913
Eleanor V. Nemser, 260 Chestnut Hill Avenue, Brighton	1825	1922
Veola DeLauzon, 12 Pembroke Street	1800	1923
Frances E. Biller, 353 Lowell Street	1725	1924
Madeline E. Flynn, 57 Franklin Street	1625	1924
Viola M. Jackson, 107 Hollis Avenue, Atlantic	2150	1924
Ruth M. Lang, 32 Almont Street, Medford	1750	1926
Hazel L. Smith, 15 Victoria Street	1775	1922
Gertrude M. Chapin, 60 Long Avenue, Belmont	1400	1927
William J. Crotty, 87 Avon Street	1575	1926
Doris G. Tolman, 2 Fenwick Road, Winchester	1500	1927
Florence R. Haley, 152 Powder House Blvd.	1600	1927
*Edson E. Dewey, 457 Washington Street, Winchester	1600	1927
Hazel G. Gibson, 86 Gainsboro Street, Boston	1600	1923
*Phillips N. Brooks, 182 Forest Street, Medford	1600	1928
Margaret Bacon, asst., 1688 Mass. Avenue, Cambridge	600	1927
Bernice F. Parker, Clerk, 244 Powder House Blvd. \$25.50 per week		1926
* Temporary Teacher		

VOCATIONAL SCHOOL FOR BOYS (DAY)

Davis Building, Tufts Street	Salary	Began Service
Harry L. Jones, Principal, 137 Powder House Blvd.	\$3725	1896
Nehemiah E. Gillespie, 81 Worcester Street, Boston	2350	1911
Charles A. Kirkpatrick, 100 Bartlett Street	2350	1913
Roy R. King, 61 Avon Street	2225	1918
Philip J. Heffernan, 71 Maynard Street, Arlington	2300	1918
Benjamin C. Bowman, 18 Michigan Avenue	2200	1919
Roy C. MacGee, 27 Dover Street, West Medford	2200	1926
John F. O'Neil, 7 Silloway Street, Dorchester	2300	1926
Frank W. Turner, Jr., 17 Higgins Avenue, Arlington	2300	1926
*Leo Millea, Y. M. C. A., Cambridge	1600	1927
Mrs. Ethel M. Smith, Clerk, 128 Brookings St., Med. Hltd.	\$25.50 per week	1921
* Temporary Teacher		

INDEPENDENT HOUSEHOLD ARTS SCHOOL

High School Building	Salary	Began Service
Mary Henleigh Brown, Director, 162 Highland Avenue	\$2625	1911

CONTINUATION SCHOOL

Folsom Building, Sycamore Street and Evergreen Avenue	Salary	Began Service
Kells S. Boland, Teaching Principal, 43 Winthrop Rd., Belmont	\$2675	1920
H. Dunbar Davis, 99 Summer Street	2325	1923
*Marion H. Hathaway, 162 Central Street	1775	1924
†Mrs. Estelle C. Reycroft, 99 Lake Street, Arlington	1300	1927
* Leave of absence		
† Temporary Teacher		

TABLE 29—Teachers in service, January, 1928—Continued

(WILLIAM H.) PRESCOTT SCHOOL

Pearl and Myrtle Streets

	Name and Residence	Salary	Began Service
	Charles E. Brainard, Master, 12 Pleasant Avenue	\$3450	1889
6	Edith M. Snell, 4 Vine Street, Melrose	2025	1900
6	Evelyn MacDonald, 50 Bromfield Road	1550	1924
6	Mary E. Richardson, 15 Pleasant Avenue	1925	1893
6	Isabelle M. Gray, 25 Webster Street	1900	1897
6	Doris F. Rudd, 46 Franklin Street	1550	1924
5	Alice M. Dugmore, 1002 Broadway	1850	1923
5	G. Hortense Pentecost, 157 Walnut Street	1925	1905
5	Mrs. Myrtle I. Martin, 41 Putnam Street	1900	1916
5	Gertrude T. Donahue, 28 Calvin Street	1550	1924
5	Gertrude E. MacDonald, 50 Bromfield Road	1275	1926
4	Edith C. Polechio, 934 Main Street, Waltham	1850	1922
4	Mrs. Louise S. Weare, 122 Bowdoin Street, Boston	1700	1896
3	Elizabeth L. Marvin, 38 Dartmouth Street	1700	1898
3	Eleanor W. Nolan, 109 Highland Avenue	1850	1909
2	Louise E. Pratt, 163 Summer Street	1750	1889
2	Alice W. Cunningham, 62 Highland Avenue	1775	1901
1	Mrs. Grace E. Allen, 24 Long Avenue, Belmont	1700	1919
1	Jeannette M. Hannabell, 61 Garfield St., Cambridge	1850	1917

SANFORD HANSCOM SCHOOL

Webster and Rush Streets

Grade		Salary	Began Service
	Florence A. Chaney, Master, 49 Boston Street	.....	1892
4	Mrs. Agness M. Travis, 57 Sycamore St., Waverley	2000	1908
4	Maude A. Nichols, 88 Belmont Street	1925	1906
4	Jennie M. Twiss, 67 Berkeley Street	1700	1903
3	Frances E. Robinson, 149 Perkins Street	1850	1908
3	Mrs. Nellie W. McPheters, 104 Summer St., Waltham	1850	1914
2	Martha L. Littlefield, 163 Summer Street	1775	1897
2	Florence M. Shaw, 163 Summer Street	1850	1909
1	Marion A. Viets, 122 Dale Street, Waltham	1875	1912
1	Ethel H. Werner, 20 Laurel Street, Arlington	1850	1919
Kdgn.	Elizabeth J. Baker, 19 West Cedar Street, Boston	1775	1907
Asst.	Kathleen C. McCabe, 131 Josephine Avenue	1275	1925

CLARK BENNETT SCHOOL

Poplar and Maple Streets

Grade		Salary	Began Service
	Francis A. Ryan, Master, 230 Mass. Ave., Arlington	\$3325	1913
5	Kate B. Gifford, 106 Upland Rd., Cambridge	2125	1902
6	Lois P. Wilbur, 15 Pleasant Avenue	1875	1923
4:3	Bessie W. Young, 47 Mystic Lake Drive, Arlington	1825	1923
4	Sarah L. Wolfe, 121 Morrison Avenue	1775	1922
3	Mrs. Katherine D. Millen, 22 Lovell Street	1900	1920
3:2	Marie L. Wiczorek, 65 Mt. Auburn St., Cambridge	1850	1922
2	Abbie M. Brown, 119 Morrison Avenue	1925	1923
2:1	Blanche Llewellyn, 47 Vinal Avenue	1775	1926
1	*Mary T. Mahoney, 10 Skehan Street	1000	1927
1	Elvira Badaracco, 1874 Beacon St., Brookline	1775	1922
Kdgn.	Mrs. Abigail R. Bailey, 278 Arborway, Jamaica Plain	1650	1924
Asst.	*Louise A. Gartland, 21 Waldeck St., Dorchester	1300	1926

* Temporary Teacher

TABLE 29—Teachers in service, January, 1928—Continued

GEORGE L. BAXTER SCHOOL

Bolton Street

Grade	Name and Residence	Salary	Began Service
	John Sherburne Emerson, Master, 3 Preston Road	1894	
4	Mary G. Blackwell, 45 Ibbetson Street	2000	1900
4	Sue A. Fitzpatrick, 451 Somerville Avenue	1900	1912
3	Margaret M. Breen, 461 Somerville Avenue	1900	1916
2	Geraldine J. Chamberlin, 451 Somerville Avenue	1375	1925
1	Maria D. MacLeod, 78 Larchwood Drive, Cambridge	1975	1906
Kdgn.	Bertha M. Connor, 77 Pennsylvania Avenue	1300	1926

OREN S. KNAPP SCHOOL

Concord Avenue

Grade	Name and Residence	Salary	Began Service
	John Sherburne Emerson, Master, 3 Preston Road	\$3200	1894
6	Winifred I. Macdonald, 43 Babcock St., Brookline	2050	1917
6	Ellen C. Moynihan, 12 Farrington Ave., Allston	1900	1919
6	Eleanor M. Lundgren, 93 Lowden Avenue	1900	1919
6	Marguerite G. Stanton, 60 Ossipee Road	1900	1922
5	Mary E. Keefe, 44 Benton Road	1800	1922
5	Anne M. Mahoney, 195 Audubon Road, Boston	1775	1926
4	Agnes C. Riley, 112 Central Street	1900	1918
3	Helen F. Gallagher, 15 Naples Road, Brookline	1550	1923
2	Mildred D. Dewire, 384 Washington Street	1700	1923
1	Mary E. McCarthy, 101 Central Street	1250	1926

ALBION A. PERRY SCHOOL

Washington Street, near Dane Street

Grade	Name and Residence	Salary	Began Service
	John Sherburne Emerson, Master, 3 Preston Road	1894	
5	Catherine E. Sweeney, 48 Everett St., Arlington	2000	1901
4	Mrs. Mary A. Withington, Canton, Mass.	1775	1910
3	Grace R. O'Neil, 347 Washington Street	1900	1913
2	Mrs. Sarah E. Murphy, 8 Lancaster St., Cambridge	1700	1906
1	Helen M. Armstrong, 104 Summer Street	1450	1924
Kdgn.	Margaret McCarthy, 34 Highland Avenue	1500	1922

CHARLES G. POPE SCHOOL

Washington and Boston Streets

Grade	Name and Residence	Salary	Began Service
	Florence A. Chaney, Master, 49 Boston Street	\$3325	1892
6	M. Abbie Tarbett, 11 Washington St., Stoneham	2025	1906
6	*Mrs. Lura E. Babcock, 36 Curtis Street	1200	1927
5	Mrs. Eva P. Brackett, 41 Fox Road, Wakefield	1700	1911
5	*Mrs. Maud I. Kezer, 9 Montrose Ct.	1200	1927
4	Annie G. Sheridan, 9 Atherstone Ave., Ashmont	1875	1886
4	A. Fern Fowler, 109 Highland Avenue	1800	1925
3	Catherine E. Wiggins, 154 Walnut Street	1400	1925
3	M. Katherine Davis, 243-A Highland Avenue	1775	1904
2	Florence E. Locke, 14 Katherine Rd., Watertown	1775	1899
2	Elizabeth Sliney, 88 College Avenue	1850	1925
1	Josephine Lacy, 73 Cherry Street	1875	1921
1	Alice B. Frye, 101 Summer Street, Malden	1850	1904

(JOHN A.) CUMMINGS SCHOOL

School Street, near Highland Avenue

Grade	Name and Residence	Salary	Began Service
	Samuel A. Johnson, Master, 5 Gardner Ter., Allston	1893	
4	Katherine M. Fox, 152 Franklin Street, Stoneham	\$2000	1896
3	Margaret J. Collins, 102 Prospect Street	1275	1926
2	Elizabeth L. Hersey, 96 Oxford Street	1900	1914
1	Mrs. Stella M. Hadley, 11 Greene Street	1900	1914

TABLE 29—Teachers in service, January, 1928—Continued

(JOHN G.) EDGERLY SCHOOL

Cross and Bonair Streets

Grade	Name and Residence	Salary	Began Service
	Charles E. Brainard, Master, 12 Pleasant Ave.	.....	1889
1	Martha M. Power, 37 Gleason St., West Medford	2050	1890
3	Alice M. McFarland, 62 Spruce Street, Watertown	1700	1923
2:1	Mary C. Eaton, 41 Columbus Avenue	1250	1926
2	Mary M. Dorney, 62 Webster Street, Medford	1400	1924

(JACOB T.) GLINES SCHOOL

Jaques Street, near Grant Street

Grade	Name and Residence	Salary	Began Service
	Charles E. Brainard, Master, 12 Pleasant Avenue	.....	1889
6	Margaret A. Orr, 146 Massachusetts Ave., Boston	\$2075	1890
6	Harriet F. Ward, Weymouth	1900	1895
5	Alice C. Blodgett, 386 Broadway	1850	1917
5	Mrs. Monira C. Blodgett, 84 Pearl Street	1800	1921
4	Mrs. Laura M. Mahon, 156 Summer Street	1775	1920
4	Mrs. Carrie Armitage, 57 Madison Street	1775	1899
4	Helen M. Keefe, 31-A Trull Street	1275	1926
3	Florence E. Baxter, 42 Highland Avenue	1700	1891
3	Cora J. Demond, 146 Mass. Avenue, Boston	1700	1900
2	Elizabeth C. Sullivan, 74 Ossipee Road	1900	1920
2	Ruth M. Drew, 42 Mt. Vernon Street	1425	1925
1	Lillian Andrews, 74 Walnut Street	1375	1925
Kdgn.	Ida M. Kane, 28 Fellsway West	1750	1905
Asst.	Marjorie Gustin, 3 Virginia Street	1675	1921

(CHARLES) FORSTER SCHOOL

Sycamore Street and Evergreen Avenue

Grade	Name and Residence	Salary	Began Service
	Harry F. Hathaway, Master, 29 Albion Street	.....	1890
6	Bessie J. Baker, 19 Mills Street, Malden	\$2075	1905
6	Elizabeth F. Clement, 29 Kidder Avenue	1700	1884
5	Margaret E. Bucknam, 35 Curtis Avenue	1450	1926
5	Hazel C. Wellington, 71 Oxford Street	1600	1924
4	Lillian J. Rollins, 44 Hall Avenue	1800	1925
4	Jane A. Doyle, 80 Hinckley Street	1275	1926
3	Carrie T. Lincoln, 65 Ashland Street, Medford	1700	1892
2	Lillian G. Wells, 61 Bonair Street	1550	1924
2	Gladys M. Wellington, 71 Oxford Street	1450	1925
1	Grace Shorey, 54 Dartmouth Street	1700	1892
1	Mary M. Brown, 11 Harold Street	1275	1926

(NORMAN W.) BINGHAM SCHOOL

Lowell Street, near Vernon Street

Grade	Name and Residence	Salary	Began Service
	Harry F. Hathaway, Master, 29 Albion Street	\$3400	1890
6	Elizabeth J. O'Neil, 82 Benton Road	2075	1894
6	Anna G. Molloy, 82 Benton Road	1775	1921
6:5			
5	Clara L. Griffiths, 39 Ames Street	1875	1902
5	Helen F. Wiseman, 43 Highland Ave., Cambridge	1775	1922
4	Anna R. Canfield, 205 Cedar Street	1900	1914
4	Alice E. Griffiths, 39 Ames Street	1875	1920
4:3	Barbara E. Drummey, 43 Short Street, Marlboro	1825	1918
3	Lillian F. Commins, 6 Cypress Street, Cambridge	1825	1914
3	Lynda V. Merrill, 26 Brastow Avenue	1700	1912
2	Frances E. Fisher, 176 Williams Ave., E. Lynn	1825	1921
2	Gertrude McCarthy, 36 Brastow Avenue	1850	1917
2	Gertrude M. Dewire, 399 Washington Street	1375	1925
1	*Mabel E. Mansir, 77 Albion Street	1700	1894
1	Mary A. Earle, 123 College Avenue	1200	1927
Kdgn.	Marguerite M. Driscoll, 396 Medford Street	1750	1921
Asst.	Katherine E. Henchey, 95 Thurston Street	1200	1926

* Leave of absence

TABLE 29—Teachers in service, January, 1928—Continued

MARTIN W. CARR SCHOOL

Atherton Street

Grade	Name and Residence	Salary	Began Service
	Samuel A. Johnson, Master, 5 Gardner Ter., Allston	\$3200	1893
6	Eva S. Bent, 10 Steeves Circle	1950	1915
6	Grace A. McElhiney, 32 Minot Avenue, Brockton	1825	1925
6	Dorothy L. Lundgren, 93 Lowden Avenue	1900	1915
5	Mrs. Hazel F. Quinn, 85 Norfolk St., Wollaston	1700	1915
5	Lillian E. Haskell, 41 Putnam Street	1925	1913
5	Elizabeth S. Foster, 53 Laurel Street	1700	1895
5	Isabella M. Keppe, 22 Belmont Street	1275	1926
4	Alice M. Cumming, 117 School Street	1900	1917
4	Helen Hession, 57 Alpine St., Arlington Heights	1600	1924
3	Margaret M. Brennan, 30 School Street	1900	1917
3	Bessie I. Berry, 11 Oak Terrace, Malden	1925	1915
2	Annie B. Russell, 14 Kidder Avenue	1900	1901
2	Mary E. Flanley, 9 Avon Street, Wakefield	1900	1915
1	Mrs. Frances E. Savage, 303 Highland Avenue	1825	1908
1	Mabel R. Ingham, 62 Central Street	1925	1912

(ENOCH R.) MORSE SCHOOL

Summer and Craigle Streets

Grade	Summer and Craigle Streets	Salary	Began Service
	Frank W. Seabury, Master, 99 Orchard Street	\$3400	1911
6	Mrs. Harriette C. Hamilton, 22 Pearson Avenue	2025	1900
6:5	Lennie W. Bartlett, 49 Laurel Street	1750	1893
5	Blanche E. Thompson, 53 Laurel Street	2000	1906
4	Mrs. Sarah K. Lake, 5 Stultz Road, Belmont	1825	1921
4:3	Eva A. Wilson, 34 Benton Road	1875	1917
3	Mrs. Agnes C. Rice, 226 Highland Avenue	1775	1900
2	Mrs. Margaret M. Joy, 264 Brookline Ave., Boston	1800	1925
2	Lena Monroe, 211-A Summer Street	1925	1913
1	*Mrs. Helen T. Smith, 43 Paulina Street	1775	1912
1	Alena M. Shea, 8 Holton Street, Medford	1525	1925
Kdgn.	Gertrude Prichard, 5 Webster Street	1750	1920
Asst.	Esther D. Hamilton, 42 Francesca Avenue	1400	1924

* Leave of Absence

GEORGE O. PROCTOR SCHOOL

Hudson Street

Grade	Hudson Street	Salary	Began Service
	Harry F. Hathaway, Master, 29 Albion Street	.....	1890
6	Nora F. Byard, 27 College Avenue	\$1850	1884
6:5	Alice G. Hosmer, 42 Boston Street	1900	1906
5	Mrs. Nettie L. Fay, 15 Pleasant Avenue	1900	1901
4	Ethel F. Morang, 16 Curtis Avenue	1900	1920
3	Edith L. Hunnewell, 41 Mason Street	1900	1894
2	Mary S. Richardson, 347 Boston Ave., Med. Hillside	1750	1906
1	Lucia Alger, 163 Summer Street	1850	1889

GEORGE W. DURELL SCHOOL

Beacon and Kent Streets

Grade	Beacon and Kent Streets	Salary	Began Service
	Samuel A. Johnson, Master, 5 Gardner Ter., Allston	.....	1893
4	Abigail P. Hazelton, 28 Whitfield Road	1800	1902
3	Grace E. Packard, 14 Winslow Road, Belmont	1875	1912
2	Alice M. Dicker, 82 Marion Street, East Boston	1825	1912
1			

TABLE 29—Teachers in service, January, 1928—Continued

MARK F. BURNS SCHOOL

Cherry Street, near Highland Avenue

Grade	Name and Residence	Salary	Began Service
	Frank W. Seabury, Master, 99 Orchard Street	.....	1911
4	Margaret Beattie, 12 Fairview Ave., Watertown	1975	1914
4	Lizzie E. Hill, 93 Gainsboro Street, Boston	1900	1890
3	Annie L. Brown, 4 Saginaw Avenue, Cambridge	1750	1885
3	Ruth E. Andrews, 173 Highland Avenue	1900	1917
2	Mary E. Lacy, 73 Cherry Street	1900	1890
2	Ardelle Abbott, 71 Craigie Street	1875	1896
1	Alice E. Morang, 16 Curtis Avenue	1900	1893
1	Marjory E. Drew, 123 Orchard Street	1700	1927

BENJAMIN G. BROWN SCHOOL

Willow Avenue and Josephine Avenue

Grade	Name and Residence	Salary	Began Service
	George I. Bowden, Master, 92 Monument St., W. Medford	\$3450	1903
6	Mary T. Ford, Wilmington	2025	1911
6	Annie Sanburn, 11 East Newton Street, Boston	1700	1906
5	Margaret Hamblen, 11 Brooks St., W. Medford	1850	1925
5	Mildred S. Flint, 26 Tower Street	1700	1925
4	Anna N. Johnson, 19 Minnesota Avenue	1800	1913
4:3	Helen M. Lawrence, 25½ Federal Street, Beverly	1825	1923
3	Valborg H. Prebensen, 45 Draper Ave., Arlington	1475	1924
2	Mrs. Grace H. Bliss, 33 Whitfield Road	1925	1900
2:1	Pauline E. Thiesfeldt, 176 Medford St., Arlington	1800	1923
1	Olivia H. Norcross, Wilmington	1825	1914

HIGHLAND SCHOOL

Highland Avenue and Grove Street

Grade	Name and Residence	Salary	Began Service
	Harlan P. Knight, Master, 22 Hamilton Road	.....	1897
6	Grace M. Clark, 10 Vernon Street, W. Medford	\$2075	1893
6	Margaret McLeod, 16 Curtis Street	1925	1923
6	Eva M. Barrows, 38 Cambria Street	1800	1903
6	Marion Allen, 74 Collins Street, Danvers	1700	1911
5	Catherine A. Burden, 50 College Avenue	1875	1902
5	Mrs. Hazel M. Davis, 38 Harding Ave., Belmont	1850	1919
5	Carrie E. Crockett, 26 Whitfield Road	1900	1923
5	Eleanor B. Casey, 28 Bartlett Street	1400	1925
Kdgn.	Mrs. Dorothy C. Huddy, 34 Payson Terrace, Belmont	1850	1921
Asst.	Margaret Kendall, 64 Vinal Avenue	600	1927

S. NEWTON CUTLER SCHOOL

Powder House Boulevard, near Raymond Avenue

Grade	Name and Residence	Salary	Began Service
	Harlan P. Knight, Master, 22 Hamilton Road	\$3425	1897
6	Bernice J. Andrews, 10 Locke St., N. Cambridge	2075	1914
6	Mrs. Minnie R. Lougee, 52 Pitcher Ave., W. Medford	1875	1922
6	Ella H. Bucknam, 26 Whitfield Road	1800	1897
6	Mrs. Mabel T. Totman, 123 Orchard Street	1700	1893
5	Dorothy Levy, 57 Josephine Avenue	1275	1926
5	Alice A. Libbey, 5 Gorham Street	1925	1919
5	Eugenia Carver, 65 Hudson Street	1875	1922
5	Gladys R. Clark, Lowell Road, Concord	1775	1926
4	Mildred H. Lunt, 176 Powder House Blvd.	1775	1926
4	Eliza I. Patterson, 65 Hudson Street	1800	1919
4	Stella G. Bucknam, 35 Curtis Avenue	1925	1917
3	E. Mildred Milner, 103 Electric Avenue	1900	1920
3	Edith F. Harding, 121 Morrison Avenue	1675	1927

TABLE 29—Teachers in service, January, 1928—Continued

	Name and Residence	Salary	Began Service
3	Mrs. Nettie M. Humiston, 43 Fairmount Avenue	1850	1920
2	Almena J. Mansir, 77 Albion Street	1700	1839
2	Gladys G. Stone, 1 Fellsway East, Malden	1550	1924
2	Pauline Emery, 15 Atherton Street	1575	1925
1			
1	Mary L. McKenna, 294 Lowell Street	1850	1915
1	Eleanor E. Waldron, 135 Powder House Boulevard	1800	1919
Kdgn.	Mrs. Dorothea G. Lamb, 90 Curtis Street	1925	1921
Asst.	Hilda Foley, 16 Bodwell Street, Dorchester	1450	1923

LINCOLN SCHOOL

	Broadway near Teele Square	Salary	Began Service
Grade			
	Harlan P. Knight, Master, 22 Hamilton Road	.....	1897
3:2	Eliza H. Lunt, 248 Highland Avenue	\$1800	1889
4	Mrs. Lillian M. Wentworth, 248 Highland Avenue	1700	1911
2	Olevia M. Woods, 13 Garrison Avenue	2000	1908
1	Dorothy M. Fay, 77 Fayerweather Street, Cambridge	1400	1925
	Mary M. Healey, Asst., 61 Dane Street	600	1927

MARTHA PERRY LOWE SCHOOL

	Morrison Avenue near Grove Street	Salary	Began Service
Grade			
	George I. Bowden, Master, 92 Monument St., W. Medford	.....	1908
4	May E. Small, 62 College Avenue	1850	1900
4	Stella M. Holland, 34 Francesca Avenue	1825	1903
3	Maude C. Valentine, 1093 Broadway	1700	1901
3	Mrs. Jane M. Taaffe, 159 Morrison Avenue	1875	1888
2	Katherine E. Hourahan, 94 College Avenue	1900	1892
2	Clara G. Hegan, 100 School Street	1900	1897
1	Octavia A. Stewart, 15 Kenwood Street	1825	1917
1	Selena G. Wilson, 11 Irving Street	1700	1922

EVENING SCHOOL PRINCIPALS

Walter P. Sweet, High	\$7.00
Francis A. Ryan, Bell and Cliff	6.00
Mary H. Brown, Practical Arts for Women	6.00

CADETS

1926-1928

Marguerite Connolly, 58 Central Street
 Berenice Coyne, 59 Preston Road
 Marie B. Damery, 45 Charnwood Road
 Florence V. English, 34 Elmwood Street
 Barbara Harding, 18 Gilman Terrace
 Olive Elizabeth Holmes, 9 Campbell Park
 Marie E. Kenney, 12 Waterhouse Street
 Hazel Leith, 75 Lexington Avenue
 Helena Mary Leyden, 21 Magnus Avenue
 Wilfred H. Roberts, 156 Summer Street
 Helen M. Smith, 19 Prichard Avenue
 Florence Sullivan, 50 Dartmouth Street

1927-1929

Winifred M. Ford, 100 Pearson Avenue
 Rose L. Felt, 36 Pearson Road

TABLE 29—Teachers in service, January, 1928—Continued
SUPERVISORS AND SPECIAL TEACHERS

		Name and Residence	Salary	Began Service
		Music		
12,	7	Harry E. Whittemore, 42 Powder House Blvd.	\$3000	1926
6,	1	Mrs. Charlotte D. Lawton, 121 St. Stephen St, Boston	2400	1898
		Drawing		
9,	1	Elfrida V. Callister, 30 Kimball Rd., Arlington	2200	1925
		Penmanship		
9,	1	Ruth L. Whitehouse, 173 Highland Avenue	2125	1915
		Sewing		
		Mary H. Brown, Supervisor, 162 Highland Ave.	*200	1913
6,	5	Mary L. Boyd, 189 Willow Avenue	1850	1888
6,	5	Mrs. Emma J. Wayland, 59 Marshall Street	1700	1900
		Manual Training		
		Harry L. Jones, Supervisor, 137 Powder House Blvd.	†200	1911
		Physical Instruction		
12,	1	†Ernst Hermann, 105 Tyler Ter., Newton Center	1750	1914
12,	7	§Charles A. Dickerman, 81 Willow Avenue	2500	1925
12,	1	Margaret V. Burke, 1 Pearl Street	1825	1923
12,	1	Alice F. Morgan, 71 Park Street	1550	1925
		*Additional to salary as Director of Household Arts Courses		
		†Additional to salary as Principal of Boys' Vocational School		
		‡ Part time		
		§ Temporary		
		Atypical		
		Mary A. Holt, 13 Pleasant Avenue	1825	1899
		Mrs. Bertha M. Morton, 62 Highland Avenue	1750	1902
		Julia M. Riordan, 165 Albion Street	2025	1914
		Alice M. Hayes, 9 Pembroke Street	1950	1913
		Melda S. Givan, 287 Highland Avenue	1400	1926
		*Fernell B. Houghton, 120 Central Street	1600	1926
		Sight Saving		
		Mrs. Amy F. Woodbury, 83 Pearson Road	2025	1917
		Lip Reading		
		Elizabeth M. Warren, 1126 Boylston Street	2025	1897
		Thrift		
		E. Bella Weisman, 17-A Melvin Street	1900	1921
		Band		
		Wesley A. Maynard, 40 Vinal Avenue	1900	1925
		Americanization		
		Mary A. Whitney, 10 Dow Street	2275	1916
		* Temporary		

TABLE 30—OFFICERS, ETC., IN SERVICE JANUARY 1928

Name and Residence		
Superintendent and Secretary		Salary
Charles S. Clark, 75 Munroe Street		\$6,500
Assistant Superintendent		
Everett W. Ireland, 138 Powder House Boulevard		4,100
Clerks		
Mary A. Clark, 42 Highland Avenue		1,650
Mildred A. Merrill, 26 Cambria Street		1,485
Ruth E. Corwin, 46 Putnam Street		1,485
Marion E. Marshall, 30 Gilman Street		\$23.50 per week
Regina Truelson, 38 Rogers Avenue		25.50 per week
Alice I. Amidon, 27 Gorham Street		20.00 per week
Bernice A. Tuck, 165 Lowell Street		15.00 per week
Attendance Officer		
Benjamin R. Jones, 25 Loring Street		\$2,200
Visiting Teacher		
Mrs. Ellen Wood Almeida, 397 Broadway	\$1700	1927

TABLE 31—SCHOOL JANITORS, JANUARY, 1928

School	Name	Residence	Weekly Salary
High School, assistant	Jeremiah M. Brennan	44 Radcliffe Rd.	\$31.50
High School, assistant	John N. Quirk	64 Marion St.	30.50
High School, assistant	Joseph McCormack	206 Washington St.	30.50
High School, assistant	Charles Hoyt	60 Vernon St.	34.50
High School, assistant	Thomas G. Pullen	6 Madison St.	30.50
Prescott	James J. Quirk	199 Broadway	33.00
Prescott	Thomas H. Dickinson	5 Berkeley St.	34.50
Hanscom	John J. Feeney	7 Dickinson St.	32.00
Boys' Vocational	Charles B. Kelly	25 Clark St.	28.50
Bennett	Michael Mullaney	7 Greene St.	34.00
Baxter	Jeremiah J. Sullivan	60 Newton St.	29.00
Knapp	Maurice T. Mullins	13 Fremont Ave.	36.50
Perry	Dan'l E. Cunningham	15 Leland St.	29.00
Pope	John J. Kilty	38 Columbus Ave.	34.00
Southern Junior High	William F. Meskill	30 Warren Ave.	37.00
Southern Junior High	James F. Crowley	1 Fremont Ave.	31.00
Southern Junior High	John F. Donovan	35 Rossmore St.	31.00
Cummings	Royal W. Brenize	147 Central St.	27.00
Edgerly	Charles P. Horton	26 Everett Ave.	34.00
Glines	Nicholas J. Lacey	327 Washington St.	35.00
Northeastern	Jeremiah J. Canniff	47 Spencer Ave.	37.00
Northeastern	Anthony Farrington	15 Dimick St.	31.00
Northeastern	John F. O'Connell	18 Robinson St.	29.00
Forster	George W. Coombs	196 Central St.	34.00
Continuation	Michael A. Mullin	16 Bowdoin St.	33.00
Bingham	John F. O'Brien	335 Lowell St.	37.00
Carr	Patrick L. Delmore	51 Ibbetson St.	40.00
Morse	John W. Cremen	69 Oxford St.	34.50
Proctor	Vincent J. Burke	9 Homer Sq.	31.00
Durell	Ellsworth C. Lundgren	93 Lowden Ave.	27.00
Burns	Charles J. Elkins	14 Holyoke Road	30.50
Brown	James J. Cooper	105 Willow Ave.	32.00
Highland	Michael F. King	25 Bowdoin St.	34.00
Hodgkins	Joseph A. McNeill	27a Jay St.	35.00
Western Junior High	James T. Eddy	901 Broadway	40.00
Western Junior High	George A. Givan	17 Henry Ave.	33.50
Cutler	Thomas J. Flynn	4 Charles St.	30.50
Cutler	Earl R. March	100 Heath St.	36.00
Lincoln	Joseph Binari	14 Evergreen Sq.	27.00
Low	Walter M. Burns	23 Avon St.	30.50

REPORT OF THE CITY CLERK

OFFICE OF THE CITY CLERK,

January 1, 1928.

To the Honorable the Mayor and the Board of Aldermen:—
Gentlemen:

The following is respectfully submitted as the fifty-sixth annual report of the city clerk of the city of Somerville, and is for the year ending December 31, 1927.

The receipts and payments were as follows:

Receipts

Balance from year 1926 being for dog licenses issued in December 1926		
15 males at \$2.00	\$30 00	
1 female at \$5.00	5 00	
	<hr/>	
	35 00	
Less city clerk's fees paid to the city treasurer, 16 at \$.20	3 20	
	<hr/>	
		\$31 80
For dog licenses issued in 1927:		
955 males at \$2.00	1,910 00	
209 females at \$5.00	1,045 00	
131 spayed at \$2.00	262 00	
1 kennel at \$25.00	25 00	
	<hr/>	
		3,242 00
For hunting and fishing licenses issued in 1927:		
505 sporting licenses at \$2.25	1,136 25	
3 trapping licenses at \$2.25	6 75	
7 alien sporting licenses at \$15.25	106 75	
1 non-resident sporting license at \$2.25	2 25	
1 non-resident sporting license at \$5.25	5 25	
1 minor trapping license at \$.75	75	
5 duplicate licenses at \$.50	2 50	
	<hr/>	
		1,260 50
Recording mortgages, assignments, etc.		
925 papers	1,239 95	
Certificates of marriage intentions,—		
1210 licenses and 1 duplicate license	1,211 00	
Furnishing copies of records	382 35	
Licenses:		
Auctioneers, 23 licenses at \$2.00	46 00	
Billiard and pool tables and bowling alleys, 194 licenses for 129 tables and 65 alleys at \$2.00	388 00	
Bus route licenses, 5 at \$25.00	125 00	

4,534 30

Brought forward		\$4,534 30
Bus licenses	760 00	
Drain layers, 8 licenses at \$1.00	8 00	
Drivers, 427 licenses, including 354 li- censes to drive buses, at \$1.00	427 00	
Engines and motors, 16 licenses for motors at \$1.00	16 00	
Garages, 48 licenses, including 4 li- censes granted in 1926 at \$2.00	96 00	
Gasoline tanks, 53 licenses including 5 licenses granted in 1926 at \$1.00	53 00	
Hackney carriages, 66 licenses at \$1.00	66 00	
Intelligence offices, 5 licenses at \$2.00	10 00	
Itinerant Vendors, 2 licenses at \$25.00	50 00	
Junk and second hand licenses,—		
27 licenses at \$10.00	270 00	
10 licenses at \$25.00	250 00	
Liquor licenses (third class) 21 at \$1.00	21 00	
Lodging house licenses, 50 at \$2.00	100 00	
Second hand auto licenses, 36 at \$25.00	900 00	
Slaughtering licenses, 12 at \$1.00	12 00	
Street Musician, 2 at \$.50	1 00	
Victuallers licenses, 117 including 3 granted in 1926 at \$2.00	234 00	
Wagon licenses, 40 at \$1.00	40 00	
Wagon stands, 55 at \$1.00	55 00	
Permits for projections over sidewalks, for		
57 electric signs, including 5 granted in 1926,		
22 stationary signs,		
2 swing arms,		
4 barber poles,		
11 awnings,		
2 filling traps,		
1 storage vault,		
4 banners,		
3 marquees,		
106 licenses at \$1.00	106 00	
Interest on deposits	1 05	
Badges	2 50	
Witness fees	6 00	
Physicians registrations	2 25	
Filing certificates, 36 at \$.50	18 00	
Copies of zoning ordinance	74 00	
Marriage declaration	1 00	
		6,972 10
		<hr/>
		\$11,506 40

Payments

To Charles E. Hatfield, county treasurer		
June 1 and December 1 receipts for		
dog licenses from December 1, 1926		
to November 30, 1927, both inclusive		
941 males at \$2.00	\$1,882 00	
207 females at \$5.00	1,035 00	
129 spayed at \$2.00	258 00	
1 kennel at \$25.00	25 00	
	<hr/>	
	3,007 00	
Less city clerk's fees, 1278 at \$.20	255 60	\$2,944 40
	<hr/>	
To the Commissioners on Fisheries and		
Game for licenses for hunting in 1927,		
505 sporting licenses at \$2.25	1,136 25	
3 trapping licenses at \$2.25	6 75	
7 alien sporting licenses at \$15.25	106 75	
1 non-resident sporting license at		
\$2.25	2 25	
1 non-resident sporting license at		
\$5.25	5 25	
1 minor's trapping license at \$.75	75	
5 duplicate licenses at \$.50	2 50	
	<hr/>	
	1,260 50	
Less city clerk's fees, 518 at \$.25	129 50	1,131 00
	<hr/>	
To the city treasurer monthly:—		
City clerk's fees for issuing and record-		
ing dog licenses, 1,296 at \$.20	259 20	
City clerk's fees for issuing and record-		
ing hunting licenses, 518 at \$.25	129 50	
All the receipts above specified except		
for dog licenses and hunting licenses	6,972 10	7,360 80
	<hr/>	
Total payments		11,436 20
Balance, January 1, 1928, being for dog		
licenses issued in December 1927:—		
29 males at \$2.00	58 00	
3 females at \$5.00	15 00	
2 spayed at \$2.00	4 00	
	<hr/>	
	77 00	
Less city clerk's fees paid to the city		
treasurer, 34 at \$.20	6 80	70 20
	<hr/>	
		\$11,506 40

Licenses and Permits

Besides the licenses mentioned in the foregoing list of receipts, licenses and permits have been granted by the board

of aldermen, without charge, as follows:

To hold religious services in streets and squares	1
To parade in streets with music, etc.	3
Newsboys	17
To move buildings through streets	5
To sing in streets	1
To hold road race	1
To hold carnivals	2

Births

1927

Number of births reported by physicians and midwives
for 1927

Males	887
Females	908

A canvas of the city is at present being made under the direction of the city clerk as required by section 5, chapter 29, of the Revised Laws, to ascertain the facts required for record relative to children born during the year.

As the information derived from such canvas will not be available in time sufficient for its incorporation in this report, a statement in full of the births of 1927 will be given in the city clerk's report for the year 1928.

1926

The following is a statement in full of the births for 1926.
Number of births (exclusive of still-births) in Somerville

in 1926 registered	1,793
Males	909
Females	884
	<hr/>
	1,793
Born of American parents	828
Born of foreign parents	609
Born of American father and foreign mother	153
Born of foreign father and American mother	183
Born of American mother and father of unknown nationality	16
Born of foreign mother and father of unknown nationality	4
	<hr/>
	1,793

Number of still-births in Somerville in 1927 as registered	61
Number of births in other places in 1926 registered	757
Number of cases of twins	22

Marriages

1927

Number of intention certificates issued in 1927	1,210
(Less than previous year)	67
Marriages registered	1,293
More than previous year	4

Both parties American	735
Both parties foreign	256
American groom and foreign bride	128
Foreign groom and American bride	156
	<hr/>
	1,275
First marriage	2,356
Second marriage	182
Third marriage	12
	<hr/>
	1,275 c'pls

Deaths

(Exclusive of still-births)

Number of deaths in Somerville in 1927	931
Less than previous year	153
Males	424
Females	507

	<hr/>	931
Under ten years of age	134	
10 and under 20 years of age	16	
20 and under 30 years of age	40	
30 and under 40 years of age	49	
40 and under 50 years of age	66	
50 and under 60 years of age	123	
60 and under 70 years of age	185	
70 and under 80 years of age	200	
80 and under 90 years of age	98	
90 years of age and over	20	

	<hr/>	931
Age of oldest person deceased .....100 years		
Born in Somerville	164	
Born in other places in the United States	411	
Of foreign birth	355	
Birthplace unknown	1	

931

Number of deaths in January	100
Number of deaths in February	76
Number of deaths in March	94
Number of deaths in April	94
Number of deaths in May	80
Number of deaths in June	65
Number of deaths in July	61
Number of deaths in August	64
Number of deaths in September	88
Number of deaths in October	70
Number of deaths in November	63
Number of deaths in December	76

931

The number of still-births during the year was sixty-two. In addition to the above 312 deaths which occurred elsewhere were recorded in Somerville, almost the entire number of persons deceased having been residents of this city.

Liquor License Question.

The following is a statement of the votes, during the several years of its submission to the people, on the question of granting licenses for the sale of intoxicating liquors (and certain non-intoxicating beverages) in this city, together with the number of registered voters and the estimated population for each year:—

YEAR.	YES.	NO.	BLANK.	REGISTERED VOTERS.	ESTIMATED POPULATION.
1881	979	1,222		3,678	26,000
1882	627	1,159		3,778	26,500
1883	767	1,343		4,407	27,000
1884	806	1,709		4,470	28,000
1885	428	1,604		3,969	*29,992
1886	214	1,321		4,089	32,000
1887	555	2,427		4,574	34,000
1888	744	2,456		5,399	36,000
1889	635	1,706	335	5,286	39,000
1890	999	2,282	409	5,556	*40,117
1891	1,054	2,598	279	5,938	43,000
1892	1,427	3,288	347	7,587	46,000
1893	1,547	2,654	218	7,943	48,000
1894	1,098	2,869	246	8,007	50,000
1895	1,854	4,708	459	8,410	*52,200
1896	1,466	3,680	332	9,379	54,000
1897	1,626	3,815	486	8,925	56,000
1898	1,595	3,501	486	8,657	57,500
1899	1,892	3,340	374	8,838	60,000
1900	1,660	3,427	321	9,620	*61,643
1901	1,579	3,295	374	9,499	63,500
1902	1,645	3,242	360	10,100	65,000
1903	2,248	4,410	550	11,346	67,000
1904	2,022	4,338	447	11,682	69,500
1905	2,483	4,660	531	11,340	*69,272
1906	2,193	5,204	582	11,571	70,000
1907	1,735	4,591	459	11,558	74,000
1908	1,780	4,760	491	12,777	75,500
1909	1,830	4,601	530	12,479	75,500
1910	1,544	3,968	365	12,522	*77,236
1911	2,193	4,841	492	13,226	80,000
1912	2,421	6,182	546	13,854	81,000
1913	2,348	6,431	550	13,417	82,000
1914	2,178	5,535	488	13,404	85,000
1915	1,705	5,262	379	13,805	*86,854
1916	1,100	4,158	271	14,500	88,000
1917	1,291	3,457	232	13,826	90,000
1918	690	1,935	161	13,477	90,500
1919	2,777	2,297	261	14,810	91,000
1920				27,307	*93,091
1921	5,143	8,751	2,992	27,545	95,000
1922					96,000
1923	7,266	9,822	4,382	28,149	97,000
1924					98,000
1925				34,434	*99,032
1926				33,210	101,000
1927				32,491	103,000

*Census.

ORDINANCES

Somerville, January 1, 1928.

The following ordinances have been adopted since the printing of the annual reports for the year 1927:—

ORDINANCE NO. 125

An Ordinance Amending Ordinance Relative to the Police Department

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. Chapter XIX of the Revised Ordinances of 1911, as amended by Ordinances 57 and 90, is hereby further amended by striking out Section 1 and inserting in place thereof the following: Section 1. The police department shall consist of a chief of police, a captain, six lieutenants (two of whom shall be inspectors), six sergeants, and such number of patrolmen as the Board of Aldermen may from time to time determine. They shall take rank in the order in which they are named.

Section 2. This ordinance shall take effect upon its passage.

Approved January 5, 1927.

ORDINANCE NO. 126

An Ordinance Regulating the Standing of Vehicles in Portion of Northern Traffic Artery

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. No person shall cause or allow a vehicle to remain standing on the Somerville avenue bridge or its approaches or in any portion of the narrow part of the Northern Traffic Artery between the Somerville-Cambridge line and Medford street.

Section 2. This ordinance shall not apply to vehicles left standing while taking or leaving passengers or while receiving or delivering merchandise and other articles from and to the adjoining premises.

Section 3. Whoever violates any provision of this ordinance shall be liable to a penalty of not exceeding twenty dollars for each offense.

Section 4. This ordinance shall take effect upon its passage.

Approved March 11, 1927.

ORDINANCE NO. 127

An Ordinance Amending an Ordinance Relative to the Transportation and Carriage of Passengers for Hire by Motor Vehicles

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. Ordinance No. 107 entitled "An Ordinance Relative to the Transportation and Carriage of Passengers for Hire by Motor Vehicles" is hereby amended by inserting in line four of Section 8 after the word "than" the words "twenty-five percent in excess of" so that said section 8 will read as follows: Sect. 8. The license issued for a motor vehicle shall designate the number of passengers, exclusive of the operator, the licensee is authorized to carry in said vehicle, and no person operating said vehicle shall cause or allow more persons to be carried thereon at any time than twenty-five percent in excess of the number designated in the license or allow any

person to stand or sit upon the running board, step, fender, dash or hood thereof or allow any person otherwise to ride on such motor vehicle outside the body thereof; provided, however, that in addition to the number of passengers which said motor vehicle by the terms of its license is permitted to carry, children under seven years of age may be carried therein in arms or seated on the laps of adult persons accompanying them, but no passenger with a child in arms or seated on the lap shall be permitted on any front seat of the vehicle.

Section 2. This ordinance shall take effect upon its passage.

Approved April 12, 1927.

ORDINANCE NO. 128

Building Ordinance

Passed by the Board of Aldermen, April 14, 1927, Approved by the Mayor, April 15, 1927, printed as a separate document.

ORDINANCE NO. 129

An Ordinance Fixing License Fee for Transient Vendors

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. The fee for Transient Vendors license as provided in Chap. 101 Gen. Laws and acts in amendment or addition thereto, is hereby fixed at the sum of twenty-five dollars.

Section 2. This ordinance shall take effect upon its passage.

Approved May 27, 1927.

ORDINANCE NO. 130

An Ordinance Relating to Traffic on Public Ways

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. No person shall cause or allow any vehicle to pass from Pearl street, wholly or partially, into the Northern Traffic Artery, without first bringing said vehicle to a full stop in Pearl street, within ten feet of said Northern Traffic Artery.

Section 2. No person shall cause or allow any vehicle to pass from Central street, wholly or partially, into Medford street, without first bringing said vehicle to a full stop in Central street, within ten feet of said Medford street.

Section 3. No person shall cause or allow any vehicle to pass from School street, wholly or partially, into Medford street, without first bringing said vehicle to a full stop in School street, within ten feet of said Medford street.

Section 4. No person shall cause or allow any vehicle to pass from Central street, wholly or partially, into Summer street, without first bringing said vehicle to a full stop in Central street, within ten

feet of said Summer street.

Section 5. No person shall cause or allow any vehicle to pass from Willow avenue, wholly or partially, into Summer street, without first bringing said vehicle to a full stop in Willow Avenue, within ten feet of said Summer street.

Section 6. Whoever violates any provision of this ordinance shall be punished by a fine not exceeding twenty dollars for each offense.

Section 7. This ordinance shall take effect upon its passage.

Approved August 10, 1927.

ORDINANCE NO. 131

An Ordinance Amending Ordinance No. 105

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. Ordinance No. 105, entitled "An Ordinance Establishing Rhode Island Avenue and Indiana Avenue as One Way Streets," is hereby amended by striking out the words "or along any portion of Indiana Avenue except in a southwesterly direction," so that same shall read as follows: "Section 1. No person shall cause or allow a vehicle, other than a vehicle propelled by hand, to pass along any portion of Rhode Island Avenue except in a northeasterly direction."

Section 2. Whoever violates any provision of this ordinance shall be liable to a penalty of not exceeding twenty dollars for each offense.

Section 3. This ordinance shall take effect upon its passage.

Approved August 15, 1927.

ORDINANCE NO. 132

An Ordinance Amending Ordinance No. 96, Relative to One-Way Streets

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. Section 1 of Ordinance No. 96, entitled "An Ordinance Relative to One Way Streets," is hereby amended by striking out therefrom the words "or along any portion of Franklin Street between Washington Street and Broadway except in a northeasterly direction."

Section 2. Ordinance No. 97, entitled "An Ordinance Amending Ordinance No. 96, Relative to One Way Streets," is hereby repealed.

Section 3. This ordinance shall take effect upon its passage.

Approved August 15, 1927.

ORDINANCE NO. 133

An Ordinance Amending Ordinance Relative to the Police Department

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. Chapter XIX of the Revised Ordinances of 1911 as amended by Ordinances 57, 90 and 125 is hereby further amended by

striking out section one and inserting in place thereof the following:
Section 1. The Police Department shall consist of a chief of police, four captains, five lieutenants, nine sergeants and such number of patrolmen as the Board of Aldermen may from time to time determine. They shall take rank in the order in which they are named.

Section 2. This Ordinance shall take effect upon its passage.

Approved November 30, 1927.

ORDINANCE NO. 134

An Ordinance Amending Section 12 of Ordinance No. 128 Entitled "Building Ordinance of 1927"

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. The first sentence of the third paragraph of Section 12 of Ordinance No. 128 entitled "Building Ordinance of 1927" is hereby amended by adding the words "vent shaft" after the word "yard" so that the said sentence shall read as follows: Every water-closet compartment and bathroom shall have at least one window opening directly upon a street, or upon a yard, vent shaft, court, or offset to court, of the dimensions specified for each in this ordinance and located on the same lot.

Section 2. This ordinance shall take effect upon its passage.

Approved December 23, 1927.

ORDINANCE NO. 135

An Ordinance Regulating the Standing of Vehicles in Portion of Linwood Street

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. No person shall cause or allow a vehicle to remain standing in Linwood street between Congress place and Fitchburg street for more than one hour.

Section 2. Whoever violates any provision of this ordinance shall be liable to a penalty of not exceeding twenty dollars for each offense.

Section 3. This ordinance shall take effect upon its passage.

Approved December 31, 1927.

ELECTIONS

The following is a statement of the votes cast in the several wards of the city for the candidates for the various offices, at the City Election held therein, November 8, 1927.

CANDIDATES.	PARTY.	WARDS.							Total
		1	2	3	4	5	6	7	
MAYOR									
Leon M. Conwell	Republican	1602	664	2072	2347	1773	2696	2615	13769
John J. Murphy	Democratic	1596	3084	2196	1435	2116	1096	1266	12789
Charles E. Mongan								1	1
ALDERMAN AT LARGE									
WARD ONE									
Elmer B. Hayes	Republican	1687	549	1936	2177	1650	2546	2427	12972
William J. Keeley	Democratic	1409	2600	1892	1232	1845	947	1075	11000
WARD TWO									
Arthur B. Murphy	Democratic	1395	2831	1899	1230	1844	955	1065	11219
George W. Pratt	Republican	1448	709	1931	2158	1615	2502	2388	12751
WARD THREE									
William S. Howe	Republican	1431	528	1980	2131	1606	2504	2389	12569
Henry F. Rafferty	Democratic	1369	2665	2101	1209	1842	940	1046	11172
WARD FOUR									
Charles C. Grimmons	Republican	1451	542	1918	2372	1624	2503	2392	12802
William E. O'Brien	Democratic	1361	2573	1839	1264	1793	938	1036	10804
WARD FIVE									
John L. Carroll	Democratic	1343	2494	1837	1207	1919	920	1041	10761
Enoch B. Robertson	Republican	1427	570	1893	2118	1755	2504	2375	12642
WARD SIX									
John P. Broderick	Democratic	1349	2540	1889	1233	1802	1022	1063	10898
Lee C. Kitson	Republican	1403	509	1835	2069	1587	2576	2335	12314
WARD SEVEN									
Margaret A. Campbell	Democratic	1327	2476	1803	1183	1758	914	1109	10570
Warren L. Dalton	Republican	1425	543	1896	2119	1608	2540	2592	12723
WARD ALDERMAN									
WARD ONE									
John J. Crowley	Democratic	1508							
Daniel A. Downey	Democratic	1465							
Harold G. Knapp	Republican	1541							
Franklin L. Ralston	Republican	1461							

CANDIDATES.	PARTY.	WARDS.							Total.
		1	2	3	4	5	6	7	
WARD ALDERMAN									
WARD TWO									
William L. Hanson	Republican		582						
Robert W. Houley	Democratic		2855						
John F. Styne	Democratic		2720						
WARD ALDERMAN									
WARD THREE									
Ernest C. Carr	Democratic			2095					
Ralph A. Hight	Republican			1850					
Thomas F. Mackey	Democratic			2205					
Elwood L. Mason	Republican			1827					
Peter F. Donnelly	Independent			55					
WARD ALDERMAN									
WARD FOUR									
Edmund V. Maloney	Democratic				1313				
Arthur G. Pearson	Republican				2346				
Alfred J. Repetto	Democratic				1230				
David Y. Ross	Republican				2242				
WARD ALDERMAN									
WARD FIVE									
Roger Blanchard	Republican					1683			
Arthur P. Dionne	Democratic					1925			
George D. Groombridge	Republican					1695			
Patrick Henry Ryan	Democratic					1872			
WARD ALDERMAN									
WARD SIX									
Waldo P. Elliott	Republican						2598		
Edward C. Fitzgerald	Democratic						1008		
Louis C. Gobron	Republican						2585		
George H. Norton	Democratic						897		
WARD ALDERMAN									
WARD SEVEN									
Robert C. Harris	Republican							2588	
Philip Sherman	Republican							2538	
James F. Welch	Democratic							1013	
John P. Whalen	Democratic							1000	
MEMBERS OF									
SCHOOL COMMITTEE									
WARD ONE									
Francis J. Fitzpatrick	Democratic	1624							
Charles E. Moran	Democratic	1381							
Dorothy Winkfield Taylor									
	Republican	1479							
Walter Elton Whittaker	Republican	1539							

CANDIDATES.	PARTY.	WARDS.							Total.
		1	2	3	4	5	6	7	
MEMBERS OF SCHOOL COMMITTEE WARD TWO									
Elizabeth J. Cairnes	Independent	.....	1826	.....	.....	.....	.....	.....	.....
William F. Dewire	Democratic	.....	2200	.....	.....	.....	.....	.....	.....
Christopher J. Muldoon	Democratic	.....	1783	.....	.....	.....	.....	.....	.....
Lena K. Robinson	Republican	.....	509	.....	.....	.....	.....	.....	.....
MEMBERS OF SCHOOL COMMITTEE WARD THREE									
Walter I. Chapman	Republican	.....	.....	1987	.....	.....	.....	.....	.....
John C. Kelleher	Democratic	.....	.....	2122	.....	.....	.....	.....	.....
James C. Scanlan	Democratic	.....	.....	2069	.....	.....	.....	.....	.....
Walter B. Stevens	Republican	.....	.....	1836	.....	.....	.....	.....	.....
MEMBERS OF SCHOOL COMMITTEE WARD FOUR									
Charles R. Brunelle	Democratic	.....	.....	.....	1319	.....	.....	.....	.....
Harold C. Miller	Democratic	.....	.....	.....	1296	.....	.....	.....	.....
Alice P. Russell	Republican	.....	.....	.....	2229	.....	.....	.....	.....
Minnie S. Turner	Republican	.....	.....	.....	2205	.....	.....	.....	.....
MEMBERS OF SCHOOL COMMITTEE WARD FIVE									
Francis J. Daley	Democratic	.....	.....	.....	.....	1940	.....	.....	.....
Edmund M. Lanigan	Democratic	.....	.....	.....	.....	1890	.....	.....	.....
Harry M. Stoodley	Republican	.....	.....	.....	.....	1748	.....	.....	.....
Willard F. Whitman	Republican	.....	.....	.....	.....	1641	.....	.....	.....
MEMBERS OF SCHOOL COMMITTEE WARD SIX									
Herbert Cholerton	Republican	.....	.....	.....	.....	.....	2862	.....	.....
Edward Ivers	Democratic	.....	.....	.....	.....	.....	948	.....	.....
Edwin A. Shaw	Republican	.....	.....	.....	.....	.....	2713	.....	.....
MEMBERS OF SCHOOL COMMITTEE WARD SEVEN									
Barbara T. Barrett	Democratic	.....	.....	.....	.....	.....	.....	1103	.....
John D. Fenton	Democratic	.....	.....	.....	.....	.....	.....	1153	.....
William Newbold	Republican	.....	.....	.....	.....	.....	.....	2404	.....
Crawford K. Sweeley	Republican	.....	.....	.....	.....	.....	.....	2520	.....
"Shall an act passed by the general court in the year nineteen hundred and twenty-seven, entitled 'An Act to establish the salary of members of the board of aldermen of Somerville,' be accepted?"									
Number of Yes Votes		1372	1762	1818	1612	1595	1506	1561	11226
Number of No Votes		1501	943	1536	1386	1349	1425	1369	9059

ASSESSED POLLS AND REGISTERED VOTERS.

WARD	PCT.	As- sessed Polls, Nov. 8, 1927	REGISTERED VOTERS.								
			Vot- ers Nov. 2, 1926 Men	Voters Nov. 2, 1926 Women	Re- vised Lists of July 1927 Men	Re- vised Lists of July 1927 Women	Names Add- ed in 1927 Men	Names Add- ed in 1927 Women	Voters Nov. 8, 1927 Men	Voters Nov. 8, 1927 Women	Votes cast Nov. 8, 1927
Ward 1	Pct. 1	1,331	672	508	543	425	82	63	625	488	874
" 1	" 2	1,231	656	501	580	437	59	49	639	486	861
" 1	" 3	813	479	399	400	324	32	25	432	349	642
" 1	" 4	1,109	618	551	532	468	62	27	534	495	848
		4,484	2,425	1,959	2,055	1,654	235	164	2,290	1,818	3,225
Ward 2	Pct. 1	1,307	436	274	375	235	35	27	410	262	599
" 2	" 2	1,293	628	527	540	452	71	57	611	509	948
" 2	" 3	608	334	254	280	212	28	26	308	238	469
" 2	" 4	1,179	639	491	565	416	62	87	627	503	945
" 2	" 5	1,391	616	410	538	355	72	62	610	417	829
		5,778	2,653	1,956	2,298	1,670	268	259	2,566	1,929	3,784
Ward 3	Pct. 1	793	543	510	483	463	59	72	542	535	940
" 3	" 2	824	537	541	468	492	42	41	510	533	889
" 3	" 3	1,075	707	681	613	612	67	56	680	668	1,207
" 3	" 4	1,212	724	706	661	675	67	79	728	754	1,262
		3,904	2,511	2,438	2,225	2,242	235	248	2,460	2,490	4,298
Ward 4	Pct. 1	963	556	510	515	476	27	36	542	512	831
" 4	" 2	1,723	774	624	714	570	116	75	830	645	1,115
" 4	" 3	710	479	590	428	515	39	63	467	577	839
" 4	" 4	849	608	631	563	589	32	47	595	636	1,020
		4,245	2,417	2,355	2,220	2,150	214	220	2,434	2,370	3,805
Ward 5	Pct. 1	1,020	654	644	558	549	77	77	635	626	1,087
" 5	" 2	1,070	602	478	526	433	64	47	590	480	863
" 5	" 3	1,185	691	530	600	471	72	56	672	527	1,015
" 5	" 4	1,088	684	543	609	460	37	51	646	511	943
		4,363	2,631	2,195	2,293	1,913	250	231	2,543	2,144	3,908
Ward 6	Pct. 1	51	662	591	608	566	30	31	638	597	960
" 6	" 2	965	577	536	521	474	31	74	552	548	924
" 6	" 3	1,043	566	527	509	469	43	33	552	502	873
" 6	" 4	910	661	644	531	592	101	29	632	621	1,052
		3,869	2,466	2,298	2,169	2,101	205	167	2,374	2,268	3,809
Ward 7	Pct. 1	906	592	536	500	491	40	47	540	538	851
" 7	" 2	843	497	452	445	406	30	42	475	448	765
" 7	" 3	856	565	579	519	529	31	32	550	561	903
" 7	" 4	755	441	375	401	339	36	30	437	369	678
" 7	" 5	835	472	396	443	356	41	47	484	403	701
		4,195	2,568	2,338	2,308	2,121	178	198	2,486	2,319	3,898
Total		30,838	17,671	15,539	15,568	13,851	1,585	1,487	17,153	15,338	26,727

CITY GOVERNMENT AND OFFICERS FOR 1927

Mayor

LEON M. CONWELL, 17 Monmouth Street

Board of Aldermen

President, CHARLES C. GRIMMONS

Vice-President, WILLIAM S. HOWE

WARD ONE

Elmer B. Hayes, Alderman-at-large	18 Benedict Street
William F. Burns	21 Illinois Avenue
Daniel A. Downey	155 Glen Street

WARD TWO

Robert C. Harris, Alderman-at-large	28 Paulina Street
Joseph A. Haley	7 Linden Street
Robert W. Houley	39 Dane Avenue

WARD THREE

Charles E. Gerrish, Alderman-at-large	70 Boston Street
(Resigned Jan. 13, 1927)	
Waldron B. Seller, Alderman-at-large	72 Berkeley Street
(Elected Jan. 13, 1927, to fill vacancy)	
Ernest C. Carr	79 Boston Street
William S. Howe	15 Summit Avenue

WARD FOUR

Warren A. Perry, Alderman-at-large	11 Evergreen Avenue
Henry J. Connell	84 Marshall Street
Edith B. Davidson	14 James Street

WARD FIVE

Charles C. Grimmons, Alderman-at-large	72 Thurston Street
Arthur G. Pearson	369 Broadway
David Y. Ross	20 Willoughby Street

WARD SIX

Warren C. Blair, Alderman-at-large	155 Summer Street
Lee C. Kitson	11 Henry Avenue
Elwood L. Mason	34 Cambria Street

WARD SEVEN

Paul O. Curtis, Alderman-at-large	855 Broadway
Harrison W. Bowers	226 Morrison Avenue
(Resigned March 24, 1927)	
Roscoe E. Estes	43 Ossipee Road
(Elected March 24, 1927, to fill vacancy)	
Warren L. Dalton	74 North Street

City Clerk, JASON M. CARSON
Assistant City Clerk, NORMAN E. CORWIN
City Messenger, FRED E. HANLEY

Regular meetings, second and fourth Thursday evenings of each month, at eight o'clock, except when such Thursday is a holiday, in which case the meeting is held on the preceding Tuesday evening.

Standing Committees of the Board of Aldermen

ELECTRIC LINES AND LIGHTS—Aldermen Downey, Pearson, Davidson, Blair and Seller.

FINANCE—The President, Aldermen Connell, Kitson, Haley, Curtis, Burns and Howe

LEGISLATIVE—Aldermen Perry, Haley, Dalton, Carr and Ross.

LICENSES AND PERMITS—Aldermen Ross, Mason, Houley, Estes, Perry, Downey and Seller.

PUBLIC PROPERTY—Aldermen Howe, Harris, Hayes, Mason and Estes.

PUBLIC SAFETY—Aldermen Connell, Curtis, Burns, Kitson and Houley.

PUBLIC WORKS—Aldermen Blair, Davidson, Hayes, Harris, Carr, Pearson and Dalton.

School Committee

Chairman, HARRY M. STOODLEY

Vice-Chairman, JOHN J. HAYES

Hon. Leon M. Conwell, Mayor, ex-officio . . . 17 Monmouth Street
 Charles C. Grimmons, President of the Board of Aldermen, ex-officio
 72 Thurston Street

WARD ONE

Francis J. Fitzpatrick 2 Austin Street
 John J. Hayes 10 Wisconsin Avenue

WARD TWO

William F. Dewire 284 Washington Street
 Christopher Muldoon, Jr. 88 Concord Avenue

WARD THREE

Richard W. Bennett 25 Wesley Park
 James C. Scanlan 36 Munroe Street

WARD FOUR

ALICE P. RUSSELL	233 School Street
Walter E. Whittaker	135 Walnut Street

WARD FIVE

Harry M. Stoodley	283 Highland Avenue
Minnie S. Turner	64 Hudson Street

WARD SIX

Elizabeth Carnes	10 Mossland Street
Walter I. Chapman	18a Central Street

WARD SEVEN

Herbert Cholerton	94 College Avenue
Edwin A. Shaw	63 College Avenue

Superintendent and Secretary—CHARLES S. CLARK

Regular meetings last Monday evening of each month, except July and August, when none are held.

Assessors

FRED E. WARREN, Chairman (term expires 1929)
 HARRY VAN IDERSTINE (term expires 1929)
 J. ROBERT FENELON (term expires 1928)
 DAVID B. ARMSTRONG (term expires 1930)
 HORACE A. LEWIS (term expires 1930)

Assistant Assessors

FRED B. CLAPP
 HARRY L. HASELTINE
 ELBRIDGE G. LAVENDER
 EDWARD G. WISWELL
 JOHN M. NANGLE
 HERBERT L. STANWOOD

Board of Health

JAMES A. KILEY (term expires 1928)
 JESSE S. NEWCOMB (term expires 1929)
 CHESLIE A. C. RICHARDSON, M. D. Chairman (term expires 1928)

Clerk, LAURENCE S. HOWARD
Agent, GEORGE I. CANFIELD

Medical Inspector, FRANK L. MORSE, M. D.
Inspector of Animals and Provisions, CHARLES M. BERRY
Inspector of Milk and Vinegar, HERBERT E. BOWMAN

Licensing Commission

WILLIAM J. SHANAHAN (term expires 1930)
EUGENE M. CARMAN (term expires 1928)
WILLIAM H. SMITH (term expires 1930)

Department of Public Welfare

FRED E. DURGIN, Chairman (term expires 1929)
JAMES D. SHARKEY (term expires 1930)
GEORGE G. BRAYLEY (term expires 1928)
Agent, WILLIAM E. COPITHORNE
Matron City Home, CATHERINE COLQUHOUN

City Clerk

JASON M. CARSON

Assistant City Clerk, NORMAN E. CORWIN

City Treasurer and Collector of Taxes

JOSEPH S. PIKE

City Messenger

FRED E. HANLEY

Mayor's Secretary

CARL H. TOBEY

City Solicitor

FRANK W. KAAH

City Auditor

HOWARD E. WEMYSS

City Engineer

ERNEST W. BAILEY (died July 27, 1927)
ERNEST W. DANFORTH (appointed Sept. 8, 1927)

Commissioner of Streets

ASA B. PRICHARD

Commissioner of Public Buildings and Inspector of Buildings

GEORGE L. DUDLEY

Commissioner of Electric Lines and Lights

WALTER I. FULLER

Water Commissioner

FRANK E. MERRILL

Superintendent of Sanitary Department

EDGAR T. MAYHEW

Clerk of Committees

RICHARD A. KEYES

Chief of Police

CHARLES A. KENDALL

Chief Engineer of the Fire Department

SEWALL M. RICH

City Physician

FRANK E. BATEMAN

Inspector of Plumbing

DUNCAN C. GREENE

Inspector of Milk and Vinegar

HERBERT E. BOWMAN

Inspector of Animals and Provisions

CHARLES M. BERRY

Planning Board

JOHN WILLIAMSON, Chairman (term expires 1932)

Resigned Oct. 27, 1927

DAVID J. KELLEY, *Secretary* (term expires 1929)

GEORGE J. RAUH (term expires 1928)

WALDO D. PHELPS (term expires 1930)

GEORGE W. PRATT (term expires 1931)

Registrars of Voters

EDWIN D. SIBLEY, Chairman (died March 1, 1927)
 DOUGLAS B. FOSTER, Chairman (term expires 1929)
 CHARLES LEO SHEA (term expires 1928)
 FRANCIS W. K. SMITH (term expires 1930)
 appointed to fill vacancy
 JASON M. CARSON, City Clerk

Assistant Registrars of Voters

JOHN L. AHERN (term expires 1928)
 NORMAN E. CORWIN (term expires 1928)
 JOHN H. KELLEY (term expires 1928)
 JAMES W. KENNEY (term expires 1928)

Public Library Trustees

THOMAS M. DURELL, Chairman (term expires 1928)
 J. FRANK WELLINGTON (term expires 1929)
 WILLIAM L. BARBER (term expires 1928)
 HERBERT L. BUFFUM (died Aug. 25, 1927)
 FRANK M. BARNARD (term expires 1929)
 GEORGE E. WHITAKER (term expires 1930)
 ALBERT L. HASKELL (term expires 1928)
 WILLIAM H. DOLBEN (term expires 1930)
 WILLIAM J. ENNIS (term expires 1930)
 FRANK R. NICKERSON (term expires 1929)
 appointed to fill vacancy

Public Welfare and Recreation Commission

ERNEST W. BAILEY (died July 27, 1927)
 SOPHIE C. BATEMAN (resigned July, 1927)
 CHARLES S. CLARK (term expires 1928)
 MARY M. MCGANN (term expires 1928)
 WINNIFRED P. DAVIS (term expires 1929)
 GEORGE H. EVANS (term expires 1929)
 EDWARD A. BREWER (resigned Sept., 1927)
 PEARL L. CALDWELL (term expires 1928)
 JENNIE E. STOWELL (term expires 1928)
 HERMAN D. BERLEW (term expires 1929)
 *ERNEST W. DANFORTH (term expires 1929)
 *MRS. ARTHUR W. HURLBURT (term expires 1927)
 *JOSEPH J. PINCUS (term expires 1928)

* Appointed to fill vacancies

Inspector of Petroleum

SEWALL M. RICH

Sealer of Weights and Measures

BENJAMIN S. ABBOTT

Fence Viewers

CHARLES M. BERRY
 JACOB WARD SKINNER

Agent of Military and State Aid and Soldiers' Relief and Burial Agent

BENJAMIN S. ABBOTT

Constables

CHARLES M. AUSTIN
CHARLES W. F. BENNETT
BARNETT F. BLOOM
EUGENE A. CARTER
WILLIAM E. COPITHORNE
THOMAS DAMERY
WILLIAM J. DIGUISEPPE
CHARLES L. ELLIS
ARTHUR L. GILMAN
FRED E. HANLEY
JAMES M. HARMON

ERNEST HOWARD
FRANK B. KARCHER
CHARLES A. KENDALL
MICHAEL T. KENNEDY
ELBRIDGE G. LAVENDER
CHARLES T. KENNEY
WILLIAM H. MOODY
EDWARD N. MUSEN
JOHN M. NANGLE
JOHN A. RAY
JOHN F. SCANNELL

SUPPORT OF PUBLIC WELFARE DEPARTMENT

Board of Public Welfare

FRED E. DURGIN, Chairman

JAMES D. SHARKEY, Vice-Chairman

GEORGE G. BRAYLEY

Committees

On Finance, Investigation and Relief, and City Home

MR. DURGIN, MR. SHARKEY, AND MR. BRAYLEY

Clerks

HELEN E. LINEGAR

MARGARET J. PREBLE

General Agent

WILLIAM E. COPITHORNE

City Physician

FRANK E. BATEMAN, M. D.

Matron, City Home

MRS. CATHERINE COLQUHOUN

Office

City Hall, Highland Avenue

Somerville, Mass.,

December 31, 1927.

To His Honor, the Mayor, and the

Board of Aldermen of the City of Somerville:

Gentlemen,—

The Board of Public Welfare submit herewith the reports of the General Agent, the Matron of the City Home and the City Physician, with tables showing the work.

Respectfully submitted,

FRED E. DURGIN,

JAMES D. SHARKEY,

GEORGE G. BRAYLEY,

*Board of
Public
Welfare.*

REPORT OF GENERAL AGENT

City Hall, January 3, 1928.

To the Board of Public Welfare, Somerville, Mass:—

Gentlemen,—The general agent submits the following as his report for the year ending December 31, 1927:—

Table No. 1

FULL SUPPORT (During the year)

In City Home (men 36, women 27)	63
In City Home, December 31, 1927	40
In hospitals for the sick in other cities, towns and state	69

Table No. 2

PARTIAL SUPPORT (Outside Relief)

Families	174
Persons aided (including hospital cases)	939
Burials	9
Permits to State Infirmary	5

Table No. 3

CHILDREN

In private families	22
In care of state division of child guardianship	26

Table No. 4

AID UNDER CHAPTER 118 (Mothers' Aid)

Number of mothers' aid cases, January 1, 1927	51
Number of families aided at close of year	51
Number of children	198
Amount allowed each family, from \$5.00 to \$20.00 per week	
Number of out-of-town families	6
Number having no settlement	10

Cost to City

Somerville settlement	\$21,896 00
Settled in other cities and towns (reside here)	4,936 00
State	9,403 00
Somerville families living in other cities and towns	2,708 81
	<hr/>
	\$38,943 81

Table No. 5

REIMBURSEMENTS

Commonwealth of Massachusetts	\$22,249 32
City of Boston	3,415 58
" " Cambridge	2,360 10
" " Chelsea	631 20
" " Everett	173 86
" " Fall River	84 00
" " Lynn	1,104 78
" " Malden	68 25
" " Medford	342 25
" " Peabody	195 00
" " Waltham	69 12
Town of Concord	36 00
" " Hopkinton	7 00
" " Lancaster	166 85
" " Plymouth	433 77
" " Shrewsbury	569 52
Individuals	700 89
	<hr/>
	\$32,607 49

Table No. 6

SOMERVILLE HOSPITAL (City Patients)

Patients having settlement in Somerville	84
Patients having settlement in other cities and towns	26
Patients having no settlement (chargeable to State)	39
Total number of patients sent to hospital	149
Amount paid to hospital	\$10,000 00

Table No. 7

POPULATION AND GROSS EXPENDITURES, 1900 to 1927

Year						
1900	—*61,643	Misc.	\$23,697.62	Home,	\$5,528.83	Total \$29,226.45
1901	— 62,500	"	29,171.15	"	6,622.43	" 35,793.58
1902	— 63,500	"	28,667.04	"	7,396.64	" 36,063.68
1903	— 65,500	"	30,470.20	"	7,548.39	" 38,018.59
1904	— 69,500	"	20,476.64	"	6,563.11	" 27,039.65
1905	—*69,272	"	17,527.83	"	7,474.36	" 25,002.24
1906	— 72,000	"	18,237.53	"	6,806.79	" 25,044.32
1907	— 74,000	"	17,852.20	"	7,001.23	" 24,853.43
1908	— 75,500	"	17,955.34	"	6,875.56	" 24,830.99
1909	— 75,500	"	16,843.17	"	7,562.83	" 24,406.00
1910	—*77,236	"	16,110.42	"	7,695.89	" 23,806.31
1911	— 78,000	"	16,327.56	"	7,842.03	" 24,169.59
1912	— 81,000	"	19,201.33	"	8,998.97	" 28,200.30
1913	— 82,000	"	21,827.73	"	10,945.95	" 32,773.68

Table No. 8

EXPENDITURES IN DETAIL FOR THE YEAR 1927

1927	Board.	Auto Mainte- nance	Burials.	Somerville Poor in other Cities and Towns.	Cash Paid Out.	Somerville Poor in other Cities and Towns 1913 Law	Cash Allowance	Fuel	Groceries.	Other Institu- tions.	Med. Att. and Medicine	Nursing.	Stationery and Printing.	Salaries.	Somerville Hospital.	State Institu- tions.	All Other.	Telephone.	Totals
January	\$1,201.73	\$16.66	\$.....	\$769.09	\$7,919.50	\$.....	\$64.22	.....	\$376.64	\$16.00	\$12.95	\$28.50	\$11.58	\$635.54	\$833.33	\$267.43	\$.....	\$13.54	\$12,166.71
February	144.00	.....	5.00	4,670.31	6,508.00	.....	66.00	.....	189.00	36.00	15.69	.....	.....	619.78	833.33	.....	.....	13.58	13,100.69
March	1,619.65	33.32	.....	197.67	6,476.00	374.00	96.22	.....	245.56	175.28	31.61	10.50	50.16	607.03	833.33	.....	18.00	13.18	10,781.51
April	111.42	16.66	70.00	479.20	8,052.50	.....	96.42	.....	183.20	93.00	51.96	10.50	.75	738.02	833.33	260.70	.....	13.88	11,011.54
May	97.42	16.66	7.00	581.32	6,295.35	.....	102.79	.....	231.04	9.00	.....	27.00	16.50	623.58	833.33	.....	.....	14.41	8,855.40
June	1,559.90	16.66	.....	500.99	6,401.60	.....	96.42	.....	215.20	78.86	32.49	.....	8.33	623.58	833.37	.....	.....	17.67	10,385.07
July	97.42	16.66	74.00	36.00	7,996.00	.....	99.64	.....	222.94	.....	21.46	9.75	17.00	875.15	833.33	208.53	.....	12.28	10,520.16
August	97.42	16.66	.....	1,385.02	6,428.50	812.73	99.64	.....	142.15	.....	37.57	5.25	4.13	623.58	833.33	.....	18.00	13.07	10,517.05
September ...	335.70	16.66	257.00	4,024.75	6,261.25	1,522.08	109.27	.....	159.81	219.43	3.40	3.00	.....	547.08	833.33	.....	18.00	12.05	14,322.81
October	1,381.21	16.66	.....	226.57	8,307.66	.....	112.93	.....	195.58	.....	43.72	2.25	5.52	700.85	833.33	298.00	.....	16.18	12,140.46
November ...	77.14	16.66	60.00	1,917.93	7,044.50	.....	124.27	.....	169.50	.....	41.29	.....	.....	623.58	833.33	.....	.....	2.50	10,910.70
December ...	352.99	16.74	50.00	.....	8,629.25	.....	127.93	.....	197.74	.....	12.44	.....	.....	726.78	833.33	.....	.....	12.04	10,959.24
Totals	\$7,076.00	\$200.	\$523.00	\$14,788.85	\$86,320.11	\$2,708.81	\$1,195.75	\$.....	\$2,528.36	\$627.57	\$304.58	\$96.75	\$113.97	\$7,944.55	\$10,000.00	\$1,034.66	\$54.00	\$154.38	\$135,671.34

1914 — 85,000	“	35,619.68	“	11,200.25	“	46,819.93
1915 —*86,854	“	45,490.98	“	11,218.65	“	56,709.63
1916 — 90,000	“	51,759.62	“	11,593.41	“	63,353.03
1917 — 90,000	“	53,653.33	“	13,417.77	“	67,071.10
1918 — 90,500	“	63,420.48	“	15,411.20	“	78,831.68
1919 — 91,000	“	67,682.53	“	15,789.34	“	83,471.87
1920 —*93,033	“	77,456.57	“	17,308.29	“	94,764.86
1921 — 95,000	“	87,922.69	“	15,069.81	“	102,992.50
1922 — 97,000	“	95,510.92	“	13,577.07	“	109,087.99
1923 — 98,000	“	88,909.21	“	14,770.97	“	103,680.18
1924 —100,000	“	100,013.27	“	14,891.79	“	114,905.06
1925 —*99,032	“	108,009.99	“	17,138.03	“	125,148.02
1926 —101,000	“	121,513.30	“	16,896.89	“	138,410.19
1927 —103,000	“	135,671.34	“	16,070.45	“	151,741.79

*Census

OVERSEERS OF THE POOR OF SOMERVILLE

Since the reorganization in 1885

†Hon. Mark F. Burns, chairman, ex-officio	1885	1888	inclusive
†Col. Herbert E. Hill	1885	1889	"
†Charles S. Lincoln, Esq., chairman	1885	1887	"
†Hon. Edward Glines	1885	1887	"
†Charles G. Brett (president 1888-1892)	1885	Apr. 1893	"
†Edward B. West (president May, 1894 February 1912)	1888	1912	"
†Daniel C. Stillson	1888	Apr. 1892	"
†Hon. Charles G. Pope, chairman ex-officio	1889	1891	"
†Nathan H. Reed (president 1893 to April, 1894)	1890	Apr. 1894	"
†Hon. William H. Hodgkins, chairman ex-officio.	1892	1895	"
†James G. Hinckley May,	1892	1894	"
†Albert W. Edmands May,	1893	Oct. 1918	"
†Herbert E. Merrill May,	1894	1909	"
†Ezra D. Souther	1895	Feb. 1898	"
Hon. Albion A. Perry, chairman ex-officio	1896	1898	"
†James H. Butler March	1898	1899	"
Hon. George O. Proctor, chairman ex- officio	1899		
Henry F. Curtis, M. D. (president 1912- 1919)	1910	1921	"
Philip Koen	1912	Nov. 1916	"
†Michael Coll November	1916	Dec. 1924	"
*Fred E. Durgin (chairman 1919 to date) Oct.	1918	date	"
*George G. Brayley Jan.	1922	date	"
*James D. Sharkey Dec.	1924	date	"

Table No. 9

RECAPITULATION (Miscellaneous)

Expenditures and transfers	\$135,671 34	
Reimbursements and refunds	33,129 06	
Net cost to city		\$102,542 28

* Present member

† Deceased

Respectfully submitted,

WM. E. COPITHORNE,

General Agent.

REPORT OF MATRON OF CITY HOME

City Home, January 1, 1928.

To the Board of Public Welfare, Somerville, Mass:—

Gentlemen:—I submit the following as the report of the Matron of the City Home for the year ending December 31, 1927:—

Table No. 1

Number of weeks' board of inmates	2,131
Number of males admitted during 1927	17
Number of females admitted during 1927	9
Number of males discharged during 1927	18
Number of females discharged during 1927	9
Number of males supported during 1927	36
Number of females supported during 1927	27
Number of males died during 1927	3
Number of females died during 1927	5
Number of inmates in home December 31, 1927	40

Table No. 2

City Home Hospital

Number of weeks' board	542-3
Number of patients admitted	8
Number of patients in hospital, December 31, 1927	9

Table No. 3

Reimbursements	\$8,186 23
Net Expenditures	7,884 22
	<hr/>
Appropriation and transfers	\$16,070 45
	16,070 45

Respectfully submitted,

CATHERINE COLQUHOUN,

Matron.

REPORT OF THE CITY PHYSICIAN

Somerville, January 3, 1928.

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen:—

The work of your City Physician during the year 1927 is presented in the following abstract:—

Office consultations and treatments	323
Total outside visits	743
Confinements	3
Vaccinations	10
Visits at City Home	129
Attended at Police Station	33

Examinations:—

For legal department	11
For police department	6
For fire department	11
For highway department	13
For soldiers' relief department	2
For pension	9

Much of the important work of the city physician, such as attendance at hearings, conferences and the like, does not admit of tabulation.

Respectfully submitted,

FRANK E. BATEMAN,

City Physician.

REPORT OF THE POLICE DEPARTMENT

To the Honorable the Mayor and the Board of Aldermen of
the City of Somerville, Mass.:—

Gentlemen:—I respectfully submit the annual report of the Somerville Police Department, for the year ending December 31, 1927.

Arrests

Whole number of arrests made		2,999
With and without warrants	2,710	
On summons and notification	289	
		2,999
Males	2,907	
Females	92	
		2,999
Americans	1,869	
Foreign born	1,130	
		2,999
Residents	1,691	
Non-residents	1,308	
		2,999

1,—Crimes and Offenses Against the Person

Assaults	9
Assaults and assault and battery	125
Assault with dangerous weapon	3
Assault with intent to kill	4
Assault with intent to murder	1
Manslaughter	3
Rape	4
Robbery, attempt	4
Robbery	9
Threats and intimidation	2

164

2,—Crimes and Offenses Against Property

Arson	2
Breaking and entering, attempt	3
Breaking and entering	20
Breaking and entering and larceny	30
Breaking glass	3

Breaking street lights	5
Evading fare	1
Injury to property	12
Larceny	171
Larceny, attempt	5
Larceny from person	1
Leased property, concealment of	4
Malicious mischief	1
Receiving stolen goods	3
Trespass	42
Using electricity without authority	2
Wilful injury to real estate	2

307

3,—Crimes and Offenses Against Public Order, etc.

Attempting to bribe a police officer	1
Bail surrender	1
Breaking glass	2
Capias	61
Concealing leased property	1
Cruelty to animals	2
Default	21
Deserter from United States Army	1
Deserter from United States Navy	1
Desertion of minor children	2
Desertion of wife	1
Disturbing the peace	2
Disturbing a public assembly	6
Dog keeping, unlicensed	4
Drunkenness	1,381
Drunkenness, common	11
Escaped prisoner	1
Escaped from prison	5
Escaped from Lyman School for Boys	1
Fire arms carrying without permit	1
Forgery	1
Fornication	3
Fraudulently obtaining money	1
Fugitive from justice	3
Funeral procession, interrupting	1
Gaming and present at	1
Idle and disorderly	2
Indecent exposure	3
Keeping disorderly house	1
Lewd cohabitation	2
Lottery promoting	2
Neglected children	7
Neglect to support	126
Perjury	1
Runaway boys	8
Safe keeping	1
Safe keeping, demented	24
Safe keeping, escaped insane inmates	2
Safe keeping, runaway boys	2
Safe keeping, runaway girl	1

CHIEF OF POLICE

1915

Straggler from United States Navy	1
Stubbornness	12
Suspicious persons	2
Unnatural act	1
Vagrants	4
Violation of combustible material law	1
Violation of city ordinances	77
Violation of health regulations	9
Violation of illegitimate child act	20
Violation of labor laws	6
Violation of liquor laws	263
Violation of Lord's Day	2
Violation of motor vehicle laws	369
Violation of narcotic law	1
Violation of pharmacy laws	5
Violation of probation	23
Violation of parole	6
Violation of and revoke of parole	4
Violation of school laws	18
Violation of state game laws	2
Violation of transient vendors law	1
Violation of weights and measures law	2
Violation of weapons, carrying without permit	1

2,523

Recapitulation

(1) Crimes and Offenses Against the Person	164
(2) Crimes and Offenses Against Property	307
(3) Crimes and Offenses Against Public Order, etc.	2,528

Total number of arrests made....	2,999
Bailed to appear elsewhere	14
Cases in which nolle prosequi was entered and dismissed	1
Released by probation officer, drunkenness	1
Released from custody	1
Surrendered to other officers, institutions, etc....	107

124

Number of cases held for trial 2,875

NOTE:—One hundred and twenty-three of the above number of cases were juveniles and delinquents.

Miscellaneous Reports

Abandoned automobiles	92
Accidents reported	1,357
Animals poisoned	6
Amount of property stolen	\$185,989 43
Amount of stolen property recovered	392,310 07
Amount of property, lost	120 00

Assaults and assaults and battery	25
Attempts to break and enter	75
Attempted larceny	6
Buildings broken and entered	172
Buildings found open	390
Dead animal found	1
Dead infant found	1
Defective bridges	15
Defective catch basins, and sewers	14
Defective electric lamps	6
Defective hydrants	30
Defective man-holes	9
Defective police signal service	8
Defective sidewalks	311
Defective signs and sign posts	181
Defective streets	222
Defective wires	57
Disturbances	20
Disturbances, suppressed	7
Dogs killed	52
Dogs, vicious	14
Fire, false alarms for	10
Fire, needless alarms for	6
Fires reported	235
Gas leaks	4
Gas poisoning	1
Houses unoccupied	44
Indecent exposure of person	10
Larcenies, no value given	272
Larcenies	634
Lost children	352
Lost children, found	352
Malicious mischief	81
Missing persons	103
Missing persons, found	103
Obstructions on railroads and railway	2
Obstructions on sidewalks and streets	30
Obstructions on streets and sidewalks, not lighted	3
Obstructions on streets and sidewalks, lighted	3
Panes of glass broken	116
Permits to labor on Lord's Day	124
Persons bitten by dogs	71
Property damaged, no value given	8
Property lost, no value given	73
Property found, no value given	53
Persons helped home	1
Robbery and attempt to rob	12
Runaway children found	12
Runaway horses captured	2
Sidewalks and streets dangerous from snow and ice	22
Sudden deaths	4
Suspicious persons	76
Stray bullets	2
Stray dogs and other animals	138
Stray dogs and other animals, found	56

Street lights reported	610
Summonses served for witnesses and defend- ants to appear in court at other places	1,265
Threats	3
Trees dangerous	20
Trespass	18
Sidewalks, streets and cellars flooded	12
Water pipes leaking	107
Windows broken	19
Violation of accosting act	5
Violation of city ordinances	137

OFFICIAL ROSTER OF DEPARTMENT

Chief of Police

Charles A. Kendall

Captains

- | | |
|----------------------|-----------------|
| 1—Michael T. Kennedy | 3—John A. Ray |
| 2—Thomas Damery | 4—Ernest Howard |

Lieutenants

- | | |
|---------------------|-------------------|
| 1—James M. Harmon | 4—Thomas P. Walsh |
| 2—Charles J. Sharry | 5—Robert T. Blair |
| 3—William G. Kenney | |

Sergeants

- | | |
|----------------------------|-----------------------|
| 1—Frank H. Graves | 6—John J. Killourhy |
| 2—James M. Lynch | 7—Thomas M. Sharry |
| 3—Augustine J. Fitzpatrick | 8—Augustine F. Sharry |
| 4—Charles J. Fulton | 9—Joseph A. Dwyer |
| 5—Daniel M. O'Connell | |

Patrolmen

- | | |
|------------------------|--------------------------|
| 1—Edward M. Carter | 29—John L. Cameron |
| 2—Daniel G. Simons | 30—Francis P. Higgins |
| 3—Samuel Burns | 31—John J. McCahey |
| 4—John A. Dadmun | 32—Alexander Morrison |
| 5—George L. Rice | 33—Daniel J. Powers |
| 6—Myron S. Gott | 34—Jeremiah O'Connor |
| 7—Henry A. Sudbey | 35—Timothy Buckley |
| 8—Thomas F. McNamara | 36—Michael J. O'Loughlin |
| 9—Louis F. Arnold | 37—Charles W. Shepherd |
| 10—Charles S. Johnston | 38—John J. Shay |
| 11—Claude L. Crossman | 39—Edward G. Butman |
| 12—John J. Cummings | 40—John P. L. O'Keefe |
| 13—Edmund J. Keane | 41—Alfred E. Robitaille |
| 14—Denis Downey | 42—Allan S. Burns |
| 15—George A. C. Peters | 43—William H. Donovan |
| 16—Louis J. Belzarini | 44—George R. Allan |
| 17—Walter Reed | 45—Jeremiah Keniry |
| 18—Dennis G. Mulqueeny | 46—Edward F. Culliton |
| 19—Patrick J. Doolin | 47—Alfred J. McFadden |
| 20—Edward J. Hopkins | 48—James A. Fitzpatrick |
| 21—Walter L. Groves | 49—Elmer E. G. Raymond |
| 22—Patrick McGrath | 50—Frank J. Roche |
| 23—Bernard McCabe | 51—Chester F. Warner |
| 24—Harry C. Young | 52—George D. MacDonald |
| 25—Robert D. Dewar | 53—Charles F. Lacey |
| 26—Peter Moore | 54—William E. Dwyer |
| 27—Albert C. Hawes | 55—Charles H. McAvoy |
| 28—Walter C. Oesting | 56—James F. Holmes |

Patrolmen—Continued

57—Earle W. Elliott	81—Daniel J. Riley
58—Michael J. Dowd, Jr.	82—George R. Estee, Jr.
59—Patrick J. Lyons	83—John J. Brosnahan
60—Thomas A. Donovan	84—George Spiers
61—Thomas J. Flanagan	85—Charles W. Ellis
62—Timothy J. Corkery	86—Stephen D. McDonald
63—Henry W. Roche	87—Patrick F. O'Brien
64—John H. Baker	88—Jeremiah G. Sheehan
65—John J. Courtney	89—John J. Gallagher
66—Pierce P. Ronayne	90—Daniel F. McAuliffe
67—Joseph P. Blake	91—George B. Phillips, Jr.
68—Frank A. Silva, Jr.	92—Ricco J. Rossi
69—Dennis F. Kearney	93—John J. Cronin
70—LeRoy V. Pierce	94—John M. Dunleavey
71—John J. Smith	95—Harold L. Coffey
72—Francis R. Begley	96—Joseph L. Curran
73—Francis X. Cavanagh	97—James M. Powers
74—Joseph F. Small	98—Cornelius P. Canavan
75—Edward G. Forristall	99—George W. McCauley
76—August S. Cidado	100—Garret F. J. Mehigan
77—Hugh R. Cunningham	101—Daniel J. O'Connell
78—James Souza	102—Arthur W. Kelley
79—Garnet L. Reid	103—Thomas F. Galvin
80—Jeremiah F. Donovan	104—Walter L. McDonough

Chauffeurs and Patrol Drivers

1—John H. McKenzie	3—Alfred J. Carey
2—William R. Burnett	

Matron

Mrs. Mina T. Weeks

Assistant Matron

Mrs. Ida M. Justice

Pensioners Retired on Half Pay

Ira S. Carleton, patrolman	May 9, 1907
James J. Pollard, patrolman	Feb. 27, 1908
Herbert Hilton, patrolman	Dec. 21, 1911
George H. Carleton, sergeant	Mar. 27, 1914
Frederick H. Googins, patrolman	Mar. 12, 1915
Jacob W. Skinner, patrolman	Dec. 31, 1917
Elmer E. Drew, patrolman	July 25, 1918
Ernest S. Goff, patrolman	July 11, 1919
Charles W. Allen, patrolman	Mar. 26, 1920
Charles E. Woodman, lieutenant	June 24, 1921
Frederick G. Jones, patrolman	Feb. 9, 1923
Charles E. Wilson, patrolman	Aug. 7, 1925
Hudson M. Howe, patrolman	Sept. 24, 1925
Charles W. Reick, patrolman	June 25, 1927
Frank C. Hopkins, patrolman	June 25, 1927
Edward M. Davies, patrolman	Sept. 23, 1927
Theodore E. Heron, patrolman	Sept. 28, 1927

CHANGES IN THE FORCE

Resignation

Patrolman, James Murray, resigned to take effect May 31, 1927.

Retirements

Patrolman, Charles W. Reick, retired and placed on pension, June 25, 1927.

Patrolman, Frank C. Hopkins, retired and placed on pension, June 25, 1927.

Patrolman, Edward M. Davies, retired and placed on pension, Sept. 23, 1927.

Patrolman, Theodore E. Heron, retired and placed on pension, Sept. 28, 1927.

Deaths

Retired pensioner, Francis A. Perkins, died Mar. 11, 1927.

Captain, Eugene A. Carter, died April 17, 1927.

Retired pensioner, Sanford S. Lewis, died June 20, 1927.

Assistant Matron, Katherine Wood, died Sept. 27, 1927.

Promotions

Lieutenant, Michael T. Kennedy, promoted to captain, Sept. 23, 1927.

Sergeant, Charles J. Sharry, promoted to lieutenant, Oct. 14, 1927.

Patrolman, Augustine J. Fitzpatrick, promoted to sergeant, Oct. 14, 1927.

Lieutenant, Thomas Damery, promoted to captain, Dec. 9, 1927.

Lieutenant, John A. Ray, promoted to captain, Dec. 9, 1927.

Lieutenant, Ernest Howard, promoted to captain, Dec. 9, 1927.

Sergeant, William G. Kenney, promoted to lieutenant, effective Jan. 1, 1928.

Sergeant, Thomas P. Walsh, promoted to lieutenant, effective Jan. 1, 1928.

Sergeant, Robert T. Blair, promoted to lieutenant, effective Jan. 1, 1928.

Patrolman, Charles J. Fulton, promoted to sergeant, effective Jan. 1, 1928.

Patrolman, Daniel M. O'Connell, promoted to sergeant, effective Jan. 1, 1928.

Patrolman, John J. Killourhy, promoted to sergeant, effective Jan. 1, 1928.

Patrolman, Thomas M. Sharry, promoted to sergeant, effective Jan. 1, 1928.

Patrolman, Augustine F. Sharry, promoted to sergeant, effective Jan. 1, 1928.

Patrolman, Joseph A. Dwyer, promoted to sergeant, effective Jan. 1, 1928.

Appointments

Jeremiah G. Sheehan, appointed patrolman, May 28, 1927.
 John J. Gallagher, appointed patrolman, May 28, 1927.
 Daniel F. McAuliffe, appointed patrolman, May 28, 1927.
 George B. Phillips, Jr., appointed patrolman, June 25, 1927.
 Ricco J. Rossi, appointed patrolman, June 24, 1927.
 John J. Cronin, appointed patrolman, June 25, 1927.
 John M. Dunleavy, appointed patrolman, June 24, 1927.
 Harold L. Coffey, appointed patrolman, Oct. 15, 1927.
 Joseph L. Curran, appointed patrolman, Oct. 14, 1927.
 James M. Powers, appointed patrolman, Oct. 29, 1927.
 Cornelius P. Canavan, appointed patrolman, Oct. 28, 1927.
 George W. McCauley, appointed patrolman, effective Jan. 1, 1928.
 Garret F. J. Mehigan, appointed patrolman, effective Jan. 1, 1928.
 Daniel J. O'Connell, appointed patrolman, effective Jan. 1, 1928.
 Arthur W. Kelley, appointed patrolman, effective Jan. 1, 1928.
 Thomas F. Galvin, appointed patrolman, effective Jan. 1, 1928.
 Walter L. McDonough, appointed patrolman, effective Jan. 1, 1928.
 Ida M. Justice, appointed assistant matron, Oct. 10, 1927.

Police Signal Service

Number of on duty calls made by the officers and patrolmen	280,983
Telephone calls made by officers and patrolmen	57,753

White Combination Automobile Service

Number of runs made in conveying prisoners to station....	1,110
Number of prisoners conveyed	1,273
Number of sick and injured conveyed	315
Number of miles run, conveying prisoners and sick and injured	4,936

Reo Combination Automobile Service

Number of runs made in conveying prisoners to station....	183
Number of prisoners conveyed	213
Number of sick and injured conveyed	309
Number of miles run, conveying prisoners, sick and injured, etc.	2,002

Touring Car Reports

Number of prisoners conveyed to station	183
Number of sick and injured conveyed	5
Number of trips to and from jail conveying prisoners ...	69

REPORT OF POLICE MATRON

To CHARLES A. KENDALL, *Chief of Police.*

Dear Sir:—I herewith submit my report as matron for the year ending Dec. 31, 1927. The following females and minors were placed in my charge.

Assault and battery	25
Bail surrender	1
Capias	1
Demented	8
Disturbing the peace	1
Drunkenness	21
Drunkenness, common	1
Fornication	1
Fugitive from justice	1
Idle and disorderly	2
Keeping disorderly house	1
Larceny	10
Lewd and lascivious	1
Lost children	43
Neglected children	5
Neglect of parent	1
Runaway child	1
Safe keeping	1
Stubbornness	6
Violation of automobile law	1
Violation of liquor law	4
Violation of probation	1
Violation of motor vehicle law	1
Violation of school laws	2
Total	140

Respectfully submitted,

MRS. MINA T. WEEKS,

Matron.

REPORT OF THE LIQUOR SQUAD

CHARLES A. KENDALL,
Chief of Police.

Dear Sir:—The following will show the amount of work performed by the liquor officers under my command from Jan-1, to May 22, 1927.

Arrests.

Fornication	2
Idle and disorderly	2
Keeping disorderly house	1
Illegal sales of liquor	39
Illegal transportation of liquor	5
Keeping and exposing liquor for sale	33
Total	82

Fines paid in Somerville District Court.

Liquor fines paid in Somerville District Court	\$7,275 00
All other fines	260 00
Liquor fines paid in Superior Court	500 00
Other fines paid in Superior Court	10 00
Total	\$8,045 00

Sale of junk from raids 78 75

Disposition of cases in Somerville District Court.

Suspended sentences, keeping and exposing, six months	1
Sentenced, keeping and exposing, six months, appealed	5
Sentenced, illegal sale, six months, appealed	1
Number of persons committed to House of Correction	1
On file	2

Disposition of cases in Superior Court at East Cambridge.

Probation	6
Fines paid	8
Sentenced to serve two months	1
Sentenced to serve one month	1
Placed on probation	1

Personnel of officers.

Sergeant, William G. Kenney
 Patrolman, Allan S. Burns
 Patrolman, Augustine F. Sharpy
 Patrolman, Patrick J. Lyons

Respectfully submitted,

Sergeant, WILLIAM G. KENNEY.

CHARLES A. KENDALL,
Chief of Police.

Dear Sir:—I respectfully submit a report of the activities engaged in by the Liquor Squad from May 23 to Dec. 31, 1927, inclusive.

Arrests

Drunkenness	28
Illegal sale of intoxicating liquor	80
Keeping and exposing for sale intoxicating liquor	94
Illegal transportation of intoxicating liquor	3
Assault and battery	1
Operating an unregistered automobile	1
Bench warrant	1
Capias, Superior Court	4
Operating an automobile without a license	2
Loitering	1
Breaking glass on street	1
Warrants served	3
Total	219

Dispositions in District Court.

Liquor fines paid	\$16,225 60
All other fines	227 00
Jail sentences, no appeal 4 total 12 months	
Jail sentences, appealed 27 total 188 months	
Not guilty	3
Cases pending	1
Suspended sentences 9 total 51 months	

Dispositions, Superior Court

Liquor fines paid	\$2,450 00
Jail sentences 1 total 33 months	
Not guilty	2
Mistrial	1
Cases pending	4
Noi prossed	1
Samples analyzed by State Department, Board of Health	99
Complaints investigated	95
Search warrants served	139
Number of gallons of liquor seized	3,390
Sale of junk from raids	\$134 90

Personel of officers.

Lieutenant, Charles J. Sharry
 Patrolmen, John H. Baker
 Patrolman, Jeremiah F. Donovan
 Patrolman, Patrick F. O'Brien
 Patrolman, Cornelius P. Canavan

Respectfully submitted,

Lieutenant CHARLES J. SHARRY.

AUTOMOBILE TRAFFIC DEPARTMENT

The following is the report for the year ending Dec. 31, 1927, of the sales, transfers and stolen and recovered automobiles.

Number of licenses granted by the Mayor and Board of Aldermen, for the purchase, sale and transfer of second hand automobiles.

First class	16
Second class	12
Third class	10
Total	38

Number of purchases, sales and transfers by dealers	4,677
Number of individual sales	1,893
Number of automobiles reported stolen by the several Police Departments, Insurance Agencies and De- tective Bureaus in the United States and Canada	13,709
Number of automobiles recovered by same	9,931
Number of automobiles tagged for violation of the street traffic ordinances	3,680
Number of cases investigated at the request of the Registrar of Motor Vehicles	329
Number of index cards printed and filed	26,780

Respectfully submitted,

DANIEL G. SIMONS,

*Officer in charge of this
department.*

IN MEMORIAM

Captain, Eugene Ames Carter.

Born in Wilmington, Mass., Sept. 20, 1860.

Appointed a patrolman in Somerville, April 1, 1884.

Promoted to sergeant, Feb. 10, 1893.

Promoted to lieutenant, May 22, 1902.

Promoted to captain, Sept. 28, 1917.

Died in Boston, Mass., April 17, 1927.

Having performed faithful and efficient service for forty-three years as a police officer in the City of Somerville, his passing being a distinct loss to this department and the city.

Conclusion

The deportment of the officers has been good, very few violations of the rules and regulations having been reported.

A traffic sergeant being detailed, Traffic posts being established at Northern artery and Pearl St., Artery and Broadway, Broadway and Temple Street, The salaries of all members of the department being increased, Clean linen furnished daily for the beds in station. New equipment being New Reo Patrol and Ambulance. Pierce Arrow seven passenger car and touring car for use of the sergeants and the force being increased eleven men.

I wish to tender my sincere thanks to His Honor, Mayor Leon M. Conwell for his continued interest in the welfare of the department and the members of the Board of Aldermen, newspaper men and my brother officers for their kind co-operation for the good of the City of Somerville.

Respectfully submitted,

CHARLES A. KENDALL,

Chief of Police.

REPORT OF COMMISSIONER OF PUBLIC BUILDINGS

City Hall, Somerville, January 1, 1928.

To the Honorable, The Mayor, and the Board of Aldermen of
the City of Somerville.

Gentlemen:

In accordance with the provisions of the City Charter, I submit herewith the annual report of the public buildings department for the year ending December 31, 1927.

The total valuation of the property which is in the custody of the public buildings department is approximately \$4,371,000.00.

The total expenditures for the year 1927 for the care and maintenance of the property was \$256,110.52.

This amount was expended as follows:

	Janitors	Fuel	Light	Care and Repairs	Total
School Bldgs.	\$80,041 74	\$28,299 67	\$13,813 92	\$61,032 15	\$183,187 48
Municipal Bldgs.	7,065 48	1,000 00	1,623 66	4,482 40	14,171 54
Polling Places	.....	26 92	4 08	935 08	966 08
Police Bldgs.	2,740 34	1,008 10	1,011 03	924 89	5,684 36
Fire Bldgs.	.....	2,986 76	3,482 51	5,692 98	12,162 25
Electrical Bldgs.	1,269 86	857 94	104 65	170 59	2,403 04
Contagious Hosp.	424 00	1,172 12	802 00	1,502 74	3,900 86
Sewer Bldgs.	.....	80 77	43 38	214 31	338 46
Sanitary Bldgs.	.....	53 30	138 43	1,513 40	1,705 13
Highway Bldgs.	.....	989 78	281 87	2,081 52	3,353 17
City Home Bldgs.	.....	1,061 32	238 92	3,487 96	4,788 20
Central Library	3,843 63	608 95	1,484 37	908 51	6,845 46
West Br. Library	1,698 42	650 27	500 52	243 82	3,093 03
East Br. Library	1,375 86	167 57	194 38	374 74	2,112 55
Union Sq. Br. Library	1,425 89	875 03	279 36	161 43	2,741 71
Park Bldgs.	770 00	395 53	342 71	2,763 10	4,271 34
Bathhouse	1,269 78	.....	.....	1,249 25	2,519 03
Bandstand	.....	.....	.....	299 71	299 71
Water Bldgs.	.....	445 48	347 46	774 18	1,567 12
Totals	\$101,925 00	\$40,679 51	\$24,693 25	\$88,812 76	\$256,110 52

Inspection of Buildings

The Commissioner of Public Buildings is also the inspector of buildings according to the terms of the charter and

as such during the past year has made over 3000 formal inspections of buildings in the process of construction.

The following table shows the number of permits issued for building operations during the year 1927:—

Buildings	WARDS							Totals
	1	2	3	4	5	6	7	
Dwellings	65	51	36	113	78	33	53	429
Dwellings and Stores	1	8	....	....	1	1	2	13
Stores	7	12	4	3	2	11	3	42
Storage	6	11	3	2	1	1	2	26
Gasolene Stations	8	7	....	....	1	1	1	18
Shops and foundries	1	2	....	....	....	2	1	6
Garages	30	25	15	47	34	19	25	195
Apartments .....	....	....	....	....	....	....	1	1
Apartments & Stores	1	....	....	....	....	....	....	1
Theatres .....	....	....	....	1	....	....	1	2
Bakeries .....	....	1	....	....	2	....	....	3
Manufactories	5	....	1	....	2	....	....	8
Stables .....	....	1	....	....	....	1	....	2
Club Houses .....	....	....	....	2	....	....	....	2
Churches .....	....	....	1	2	....	....	....	3
Hospital .....	....	....	2	....	....	....	....	2
Bank .....	....	....	1	....	....	....	....	1
Laundry .....	....	....	1	....	....	....	....	1
Offices	4	....	1	....	....	....	....	5
Offices and Stores....	1	....	....	....	....	....	....	1
Restaurants	1	3	....	....	....	....	....	4
Institutions and								
Dormitories, .....	....	....	1	....	....	....	1	2
Observatory .....	....	....	....	....	....	....	1	1
Miscellaneous	3	5	1	2	1	3	1	16
Torn Down	8	11	4	3	....	5	....	31
Totals	141	137	71	175	122	77	92	815

	Wood	Fire-resisting	Totals
New Buildings	128	224	352
Alterations	381	51	432
	509	275	784

Buildings	WARDS							Totals
	1	2	3	4	5	6	7	
Wood	92	89	45	120	83	43	59	531
Wood and Stucco .....	....	1	....	....	....	....	....	1
Fire-Protected Wood .....	....	1	1	....	1	....	....	3
Wood and Metal	1	1	....	....	....	....	1	3
Brick	7	6	5	7	6	10	7	48
Brick and Wood	2	3	....	....	....	3	....	8
Brick and Stone	1	1	....	1	1	2	1	7
Brick Veneer	2	....	....	....	....	....	....	2
Brick and Concrete	2	3	2	....	....	....	....	7

Brick and Cement Block	1	1	....	1	....	....	....	3
Cement Block	25	25	16	43	25	16	22	172
Concrete .....	....	....	1	....	1	....	....	2
Metal	7	5	1	2	5	3	2	25
Stucco	1	1	....	....	....	....	....	2
Stone .....	....	....	....	1	....	....	....	1
Totals	141	137	71	175	122	77	92	815

The number of plumbing permits issued during 1927 was.....	389
Number of permits for plumbing in new buildings	176
Number of permits for plumbing in old buildings	213
Number of buildings in which soil pipes were tested	308
Fees collected for 328 plumbing permits amounted to \$749.00.	

The total estimated cost of new buildings and alterations during the year 1927 was \$3,385,850.00 while the estimated cost in 1926 was \$5,065,991.00, showing a decrease of \$1,680,141.00.

The total number of permits issued during the year 1927, viz 815, was 277 less than during the year 1926, when 1092 permits for new buildings and alterations were issued.

There has been considerable speculative building of dwellings going on this year, or to be exact there were permits issued for 143 new dwellings housing 399 families.

Single family houses have been altered into two family houses and some of the larger houses have been altered into small kitchenette suites. These types of alteration demand very careful inspection and supervision by this department and entail considerable more time than new construction.

On September 1, 1918 the Board of Aldermen of the City of Somerville passed an ordinance requiring a fee to be collected for every building permit issued by this department. In accordance with this, fees collected for building permits during the year 1927 amounted to \$2239.00.

The Commissioner has under his charge and direction the work of maintenance and upkeep of the eighty-four public buildings of this City and the grounds in connection therewith, all janitors in the City's employ, a force of mechanics who perform the work of keeping the buildings in repair, the inspection of installation and care of all elevators, the supervision of construction of all new municipal buildings, the maintenance of the public bathing beach and public municipal baths in the Bennett and Bingham Schools, and Lincoln Park.

The various activities in connection with the department work require a vast amount of time and attention in order to keep the property in proper condition for occupancy.

The adoption of the new Building Ordinance just completed has added a considerable amount of labor to this already heavily burdened department.

Coal

As in the past years an invitation was sent out for bids for supplying the necessary tonnage of both Anthracite and Bituminous coal for the city buildings for the winter of 1927 and the spring of 1928.

The contract for Bituminous coal was awarded to the Metropolitan Coal Company of Boston and the contract for Anthracite coal given to Colbert Brothers of Somerville.

The above firms furnished a chemical analysis of the coal which they agreed to supply. A sample from each delivery was sent to Arthur D. Little Company for analysis.

Elevators

According to an act of the Legislature, the Building Commissioner is required to have every elevator in the city inspected yearly, and a report of the conditions and necessary repairs made to the Public Safety Department, State House, Boston.

Plans and specifications of all new installations of elevators must be filed in this office and certificates of approval granted by the Commissioner. There have been 12 elevators installed during the past year, and 127 elevator inspections made. 30 orders for repairs were sent out to concerns, covering 51 elevators.

School Buildings

The maintenance and care of the school buildings has, as formerly, demanded the most vigilant attention from this department and the appropriation made for that purpose I believe has been expended carefully and judiciously.

Every year, before the summer vacation arrives, this department sends out blanks to be filled in by both the principals and janitors of the school buildings for all requisitions and repairs needed.

These repairs and requests are taken up with the Superintendent of Schools, and taken care of in the order which he suggests so far as the appropriation will allow.

First are taken into consideration the requests and repairs absolutely needed for the opening of schools in the Fall. Then the others are taken up in the order of their importance. This in itself is a huge task as the wants of every section must be taken into consideration.

A new schoolroom has been fitted up in the basement of the Cutler school to take care of the increased size of the first grade. Movable chairs were installed so that the room may be used for games.

Lighting of School Buildings

The most urgent need of the year is the lighting by electricity of the several older buildings in the city,

The care of the pupils' eyesight is one of the most necessary things to be taken into consideration, and the Commissioner has during the past year equipped the following schools with a complete lighting system of the most modern type at a cost of about \$5,000.00: Morse, Baxter, Cummings and Hodgkins Schools.

There are still a few schools that are without any artificial lighting and the Commissioner hopes to be able to com-

plete the installation of lighting systems this year so that every building will be properly equipped.

Fire Escapes

Somerville has unfortunately several three story school buildings of the older type with stairs running from a common hallway.

The Bell, Prescott and Forster School buildings have been taken care of by enclosed fire stairways of non-combustible material, entirely separate from the building but accessible from each floor.

The Commissioner again recommends that enclosed stairs of the same type be built on the Morse, Highland and Edgerly schools.

School Yards

During the past year the Baxter School yard has been fenced with modern six foot chain wire fencing. This prevents the children, while at play, from running into roadway, thereby saving the possibility of accidents. It is the hope of the Commissioner to continue on this line and to erect several more such fences during the coming year.

There are several school yards that need resurfacing badly as they are very rough and this creates the danger of children being hurt while playing. The Glines, Cutler, Bennett, Baxter, Cummings, Lincoln and Burns school yards are in the worst condition and should be taken care of as early as possible.

Heating of Schools

Several boilers have been retubed and otherwise repaired during the past year.

During the past year a new boiler house has been erected and equipped with five 72" boilers, two new vacuum pumps electrically controlled, two steam pumps, and also a coal pocket to hold 250 tons of coal. This is the first unit of the new High School.

When this plant is completed we will have one of the best heating plants in the state and one that is going to prove a saving to the City.

The Commissioner has recommended this change for several years and is pleased to report progress on same.

The Commissioner recommends the installation of a new heating and ventilating system at the Cummings School to replace old furnaces now in use.

Every summer an internal inspection is made by state inspectors on every boiler, and recommendations for repairs made. Repairs are made during the summer vacation, the boilers reinspected and a certificate for operation granted. These certificates are hung in every boiler room. Besides this inspection there are three external inspections made while boiler is in use.

General Repairs

In a number of the old school buildings the window and door frames, owing to shrinkage, are not tight and the commissioner has had 12 of these buildings caulked and weather stripped thereby saving coal. This has proved so satisfactory that the Commissioner hopes to continue this work in the coming year.

During the summer vacation all school toilets were painted, all kindergartens painted, 5000 desk tops refinished, 2000 chairs refinished.

Plaster repairs have been made in fifteen different schools.

Window cords replaced in over 200 windows.

Plumbing repairs made in twenty-five school buildings.

Steam repairs were made in twenty school buildings.

Roof repairs were made in several buildings. The Commissioner hopes to be able to renew the roofs on at least four school buildings during the present year as these roofs

are in such a condition that leaks may be expected at any time.

The Commissioner hopes to be able to replace the plumbing fixtures in at least three of the older buildings during the coming year with more modern and sanitary fixtures.

During the summer vacation carpenters were busy in all school buildings repairing buildings and furniture.

The curtain contract was given to Fred D. Bigelow of Somerville for the replacement of nearly 600 curtains.

80 chairs were recaned by the Massachusetts Institute of the Blind.

Blackboards

Several of the buildings are equipped with paper blackboards, and the surfaces of same have to be renewed every year at a cost of several hundred dollars. I would recommend that slate blackboards be installed in place of paper blackboards, as the slate boards last indefinitely and the saving on repairs would more than repay the cost of purchasing same.

Sprinklers

During the past year sprinkler systems have been installed in twelve school buildings throughout the basements.

It has been the experience of engineers checking up on fires that 90 per cent of fires start in basements, and we feel now these twelve buildings are adequately protected there being a sprinkler head to every 36 square feet.

The Commissioner hopes to do at least four more of these buildings the coming year.

The buildings which now have the sprinkler systems in the basements are as follows:

Cutler School	Lincoln School
Highland School	Burns School
Bingham School	Carr School
Morse School	Forster School
Cummings School	Edgerly School
Prescott School	Pope School
Bennett School	Knapp School
High School	

Fire Department Buildings

There have been numerous repairs and improvements made in the fire buildings of the city.

As it does not seem probable that Engine No. 4 building will be replaced by a new station in the immediate future this department has repaired and repainted the interior of this building and made minor repairs to meet the temporary need of the men stationed there.

New room fitted up from loft of Hose 5 for dining room and kitchen for the men.

New hot water boilers installed at Hose 3.

New section added to boiler of Hose 7. Boiler at Hose 5 repaired.

The loft at Engine 2 has been fitted over into a dormitory making additional sleeping quarters for ten men. Also a new kitchen and dining room has been fitted up on the first floor.

Libraries

The most urgent need of the libraries at the present time is new lighting equipment. During the past year the Commissioner has installed new lighting fixtures in the East Somerville Branch Library.

48 new chairs were supplied for the Reading Room at the Central Library.

Sanitary Buildings

New stalls and stall bottoms have been installed throughout the sanitary stable. Wagon shed repaired and reroofed.

Highway Buildings

Extensive repairs were made throughout this building. It is necessary to replace stall floors at least twice a year.

New shed fitted with special door so it may be used for garage.

Hospital

The hospital has been painted and varnished throughout, the beds and tables enameled.

The high wind this winter tore off the piazza roof of the tuberculosis camp carrying same over on the farm land of the City Home. This will mean quite an expense for repairs during the coming year as electric light, telephone system and damage to building itself is considerable besides rebuilding of piazza.

City Home

Many repairs have been made to this building during the past year.

A new refrigerating plant has been installed.

Several new mattresses purchased.

A new rug for the living quarters of the matron.

Roofs of three of the buildings have been reshingled.

A complete new bathroom has been installed in the nurses quarters.

The dining room, kitchen and bathroom have been painted and ceilings whitened, also a room in the matrons quarters.

There is need of an addition of two rooms over present office for new sleeping rooms to accommodate the nurses. Also an addition of five rooms to the present hospital, which could be added to the end of the present hospital at a cost of about \$5,000.00.

Police Buildings

Cells have been renovated and painted, and several minor repairs made.

As this building is of antiquated design and wholly in-

adequate for the needs of the present force the Commissioner recommends that an early consideration of a modern station be contemplated.

It was necessary to find new quarters for the G. A. R. Veterans on account of the tearing down of City Hall Annex. The Commissioner recommended for consideration the old court room, clerks office and judges office as temporary quarters for the G. A. R. and its kindred societies. This was looked into by a Committee of the G. A. R. men who were satisfied with this arrangement. The court room was laid out as a hall and all the G. A. R. hall furnishings were moved in and arranged. The clerks room was fitted out as a card room and the judges office as a kitchen. A new sink was installed and gas ranges connected up.

The arrangements so pleased the veterans that a vote of thanks was sent to the Commissioner.

The entries to the first floor have been kalsomined, painted and varnished throughout.

Park Buildings

Numerous repairs have been made to these buildings during the past year, new toilets have been installed and repairs to shower baths, heating apparatus, electric light fixtures, and repairs in general.

The building at Broadway Park has been relocated, moving it out of the play field. New plumbing fixtures were installed, boilers replaced, new water connections made and a new roof put on the building. The electric lights will be connected up as soon as poles are reset by the Edison Company.

Excessive damage has been done owing to the rough element which collect about these buildings after they are closed at night. Doors and windows have been broken and forced, toilet fixtures ripped from the walls and broken, electric light fixtures destroyed and tile roofs badly damaged.

Bathhouse

The public bathhouse on the Mystic River at Wellington Bridge was opened and maintained as usual this year.

About 100 tons of sand were purchased for resanding the beach.

This particular recreation has been a great help to many mothers and children during the hot weather of the past season. It is a common sight to see mothers and children arriving at the beach as early as nine o'clock with their lunches to spend the entire day. The attendance at the beach during the warm weather has sometimes exceeded 1,000 a day.

In General

The Building Commissioner has had the co-operation of all branches of the City Government, including His Honor, the Mayor, the honorable members of the Board of Aldermen and all the city officials, and desires to thank them for their kindly consideration.

Respectfully submitted,

GEORGE L. DUDLEY,

Commissioner of Public Buildings.

PUBLIC LIBRARY

BOARD OF TRUSTEES

THOMAS M. DURELL, M. D., President, 1928
J. FRANK WELLINGTON, Vice-President, 1929

WILLIAM L. BARBER, 1928

HERBERT E. BUFFUM, M. D., 1929
(deceased)

FRANK R. NICKERSON, 1929

WILLIAM H. DOLBEN, 1930

FRANK M. BARNARD, 1929

ALBERT L. HASKELL, 1928

WILLIAM J. ENNIS, 1930

GEORGE E. WHITAKER, 1930

COMMITTEES

On Administration

The President, Messrs. Wellington, Buffum, Haskell, Dolben
and Nickerson

On Books and Cataloging

The President, Messrs. Barber, Barnard, Whitaker, and Ennis

On Buildings and Property

The President and the Vice-President

Secretary of the Board

GEORGE H. EVANS

ORGANIZATION OF LIBRARY AND STAFF PERSONNEL

December 31, 1927

GEORGE H. EVANS, Librarian
NELLIE M. WHIPPLE, Assistant Librarian
VIVIAN J. MORSE, Executive Assistant

CENTRAL LIBRARY AND LIBRARIAN'S OFFICE

Highland Avenue and Walnut Street

GRADED SERVICE**Department Heads and Special Positions**

CORA B. EAMES, Reference Librarian and Second Assistant
MABEL E. BUNKER, Chief Cataloger
MARY S. WOODMAN, Reviewer and Classifier
DOROTHY EMERSON KENNEDY, Supervisor of Periodicals and Binding
MIRIAM G. HOWARD, School Librarian
MYRTLE NICHOLSON, Desk Chief
RUTH M. WOODMAN, Assistant Cataloger
————— Supervisor of Children's Work
MILDRED A. BOWLEY, Reference Assistant
ALICE HAMILTON BOYD, Children's Librarian

Senior Assistants

MARY R. BATCHELDER, Children's Room
RUTH HYATT, Circulation
MARION H. HANFORD, Catalog Department

Junior Assistants

ESTELLE M. JONES, Circulation
RUTH H. EATON, Circulation

Ungraded Service

MARGARET M. COLLINS, Administration
UNETTA QUINN, Administration
EDYTHE T. REYNOLDS, Page

Attendants on Part Time

JAMES J. CARNEY

FLETCHER ROSS

SUMNER C. NOYES

WEST SOMERVILLE BRANCH

Established 1909
40 College Avenue

Graded Service

ESTHER M. MAYHEW, Branch Librarian
DOROTHY H. TERRY, First Assistant
E. MARION AKERLEY, Children's Librarian

Senior Assistants

BARBARA KLINGENHAGEN, Circulation
BEATRICE M. KENNY, Circulation

Junior Assistant

UNGRADED SERVICE**Attendants on Part Time**

DOLPHIE E. BERG
DORIS F. GRAVES

NORMAN BURBANK
FRANCES MENDELL

EAST SOMERVILLE BRANCH

Established 1912
Broadway and Illinois Avenue

Graded Service

DESIER C. MOULTON, Branch Librarian
EVELYN J. EMERY, First Assistant
FLORENCE A. BOLSTER, Children's Librarian

Senior Assistant

ALICE J. UNDERWOOD, Circulation

Junior Assistant

UNGRADED SERVICE**Attendants on Part Time**

ANNIE D. FORBES
PHILOMENA LOMBARDI

DOROTHY SELLERS
DOROTHY ROLSTON

UNION SQUARE BRANCH

Established 1912

Washington Street and Bonner Avenue

Graded Service

ALICE G. WORTHEN, Branch Librarian

ELSIE K. WELLS, First Assistant

ELSIE L. KNOX, Children's Librarian

Senior Assistant

ALICE L. DELANEY, Circulation

Junior Assistant

UNGRADED SERVICE

Attendants on Part Time

BRIDE E. CANTWELL
VIRGINIA J. HOFFSES

ISABEL CHENEY
MILDRED C. PERKINS
WILLIAM SHEA

MEMBERS OF THE TRAINING CLASS

HELEN BLISH
KATHLEEN O'BRIEN
GERTRUDE REYNOLDS

RUTH NOURBOURN
WINIFRED PEMBER
EVELYN ROBINSON

NOTE:—For changes in staff personnel during year see Librarian's Report.

Report of the Trustees

To the Honorable, the Mayor, and the Board of Aldermen of
the City of Somerville:

Gentlemen: The fifty-fifth annual report of the trustees of the public library is herewith respectfully submitted; being the report of the librarian and tables of statistics of operation.

Very respectfully,

The Board of Trustees, by

THOMAS M. DURELL,

President.

REPORT OF THE LIBRARIAN

Gentlemen of the Board of Trustees:

The fifty-fifth annual report of the Somerville Public Library, being that for the year 1927, is herewith submitted.

It is gratifying to be able to report a new high water mark in the record of work done. The total circulation of 543,559 books for home use is the largest in the history of the library, and is an increase over last year of 61,253, or 13%. This is equivalent to the addition of a small branch. With growth all along the line, the most noteworthy is that of the East Somerville branch, at Broadway and Illinois Avenue, which reports an increase of 19,173 volumes circulated, or 28.4%. Such a marked expansion was unforeseen, and no allowance for it was made in the appropriations for 1927. As a consequence the end of the year found us stripped to the bone of our resources. With supplies depleted and book binding far behind we had to practice the most rigid and ingenious economies in order to carry over into the new year. We should not expect to set up a new branch library with a circulation of 61,000 without suitable provision of the usual working supplies. But that is in effect just what we did last year because of our failure to predict so large an increase. In 1926 it cost 13.2 cents per book lent to run the library. Assuming, as is reasonable, that the cost of operation in 1927 was not materially different, it is obvious that the increased use of the library placed upon us an unexpected additional burden of expense amounting to \$8,052.

Growth brings with it increased wear and tear, as well as need for more books and more supplies. Our appropriation for binding, always frugal, was totally inadequate. We were able to bind 4,416 books. 1,718 volumes, retired from circulation to be bound, have had to wait. Unfortunately for the public service these, as usual, are nearly all recent books in constant demand. The problem was aggravated at Union Square by the re-stocking of the branch with about 4,000 new books last year. A book in the publisher's binding can be lent from seven to ten times only before requiring binding. One of the penalties of many new books is much binding, a collateral expense, sometimes lost to sight when buying new books, but one that eventually compels attention.

Ten year averages of circulation and binding show that we may expect to bind about nine books for every thousand loans. Assuming, as seems reasonable, that we shall circulate at least as many books in 1928 as we did in 1927, we must expect the year's binding to number 4,887 books. Adding to these the 1,718 books left over from 1927, we find the minimum expectation of binding for 1928 to be 6,605 volumes. This will cost at present rates about \$4,227.

The growth noted at Union Square branch last year as a direct result of the re-stocking of that branch has continued, though in not so spectacular a degree. The time has come when we must appoint another general assistant to the branch staff. It is recommended that this be done in connection with other appointments at the conclusion of the course of the present Training Class.

With deep regret we record the death on August 25 of Dr. Herbert E. Buffum, a member of the Board of Trustees. Dr. Buffum qualified as a member of the Board on September 15, 1914. He was a faithful and enlightened official, regular in attendance at meetings, a strong supporter of the administration, and always to be found upon the side of progress and liberality. He was particularly devoted to the interests of the library employees. A tribute of appreciation of his personality and services was adopted by the Trustees and inscribed upon the records of the Board.

The library acknowledges with thanks and appreciation the gift of \$1,000 from Mr. Thomas J. Buffum, father of the late Dr. Herbert E. Buffum, given as expressed in the donor's words, "in memory of my dear ones that have passed on; my wife, Mrs. Minnie L. Buffum, our daughter, Miss Eva I. Buffum, our son, Dr. Herbert E. Buffum."

The form of the memorial provided for by this gift has not yet been determined.

Under date of September 9, 1927, a letter from the Boston Safe Deposit and Trust Co. apprised the Trustees that, under the terms of the will of Dr. Buffum, of which the above named trust company are executors and trustees, the library

is made a legatee to benefit after the death of certain persons. The provision of the will is as follows.

“(e) The sum of twenty thousand dollars to the Trustees of the Somerville Public Library to be held in trust the net income to be expended semi-annually for any purpose in connection with the library thought best by them, but not however to be expended for any maintenance of the library such as labor or material which should be provided by municipal appropriation.”

During the week of June 20 the library was represented by an exhibit at the commercial and industrial exposition operated by the Somerville Kiwanis Club. On account of the public service nature of our activities the Kiwanis Club generously allotted us exhibit space free of charge. For this we herewith tender our acknowledgments. A very large number of people visited our booth, and a lively interest in our exhibit was apparent. We particularly emphasized the service that the library is prepared to give in the occupational, business, and industrial fields. We distributed to our visitors about six thousand of our “Blue Lists.” These brief, pocket lists of library material upon numerous, practical subjects of daily interest appealed to many people. The library is indebted to Mr. Harold T. Dougherty, librarian of the Westfield Athenaeum, for volunteer supervisory work at this exhibit. Our participation elicited many expressions of approval, and we feel that it was good library publicity.

One of the most useful parts of our library system is the daily interchange express service operating between the different buildings. It deserves to be better known. Through its operation those citizens living at some distance from the Central library, where the main collection of books is housed, are enabled to tap this central reservoir of information through the nearest branch with promptness and dispatch. It is possible for any citizen by application at a branch, or by telephone call to the Central library, to have printed material or itemized information located by our reference or information department, and sent at once to the most convenient branch where it may be used or borrowed according to the nature of the material. An assistant is detailed every morning from each branch to visit the Central library and gather the material needed to answer such requests, accumulated on the

day before, as have not at the time been answered by telephone. Furthermore the interchange contributes materially to the flexibility of our loan system. A borrower's card issued at any desk of the system is good for the loan of any circulating book of the system no matter where located, and any book may be returned to any desk regardless of where it was borrowed.

There is an insidious and harmful tendency in all branch library systems for branches, especially those at considerable distance from the Central library, to feel their separateness, and to lose the larger vision of unity of purpose and practice of the whole service. This unfortunate tendency should be counteracted in every possible way. One helpful antidote, a well-established and accepted policy in our system, is the rather frequent transfer of staff members between Central and branches. Our interchange also contributes toward this important end. Through its operation the system is knit together more closely, the assistant's knowledge of the library's resources is enhanced, and the service rendered by the branch to its community is promoted. The extent to which a branch makes use of the interchange is significant of its spirit of loyalty, cooperation and progressiveness.

Among other things for which 1927 is notable in library annals is the publication of the results of the country-wide survey of libraries made by the American Library Association. This library undertook the task of self examination upon the basis of the voluminous questionnaire furnished. It was laborious, but profitable. The report of this survey, published in four volumes, is a monumental contribution to the progress of librarianship. It furnishes standards whereby any library can appraise itself in the light of the present accumulation of library technique. The report contains 39 references to the Somerville Public Library, citing various methods in successful operation here.

The citation in the above-mentioned report (Vol. 1, pp. 93-94) of our Scheme of Service as a model of its kind leads your librarian to call the particular attention of the Board to the important function it performs in this library. The personnel of the Board has so greatly changed since its adoption that only a small minority can recall the difficulties of the trustees and the dissatisfaction among the staff due to the former unsystematic methods of appointment and promotion.

The Scheme of Service did away with these troubles. It was devised to check and eliminate abuses, and to base employment solely upon fitness. It lays down principles accepted as fundamental in our procedure relating to questions of authority, appointment, promotion, compensation, and qualifications of personality and education. Its provisions have been religiously observed, and its operation has been remarkably successful. It is probably the outstanding factor in making the library the well-oiled machine it is today, in promoting the remarkable morale of the staff, and in maintaining the efficiency of our service. By its operation we now have a well-established tradition of impartiality, promotion by merit, complete elimination of personal influence, and a lively sense of the obligation of public service. It deserves the careful study of anyone interested in library administration.

It has been our steady policy to encourage every impulse of our staff members to improve their intellectual equipment. One of the valuable advantages of residence in the Boston metropolitan district is the numerous opportunities for courses of study in almost every conceivable subject. During 1927 50 cultural or professional courses were taken by 29 different members of the staff. In other words over three quarters of our staff voluntarily devoted a portion of their spare time to self-improvement. Six individuals took three courses apiece, and eight individuals two courses apiece. The pursuit of cultural and technical studies by members of our staff has become a habit and a tradition. Not only is this an indication of ambition but, quite as important, shows the fruition of the steady teaching of their library mentors that their occupation is a profession to be followed because it is something worth doing, and not merely a means of filling a pay envelope.

Among the eleven different subjects may be mentioned Reference Work, in which one of our staff led a class of 65 with a mark of 96 %, Children's Literature, Drama, Business English, Music, American History, Library Administration, and Creative Reading.

Our staff further shows its progressiveness by maintaining 100 % membership in the Massachusetts Library Club, the active and thriving state professional organization, and by contributing to its various activities. It is also particularly gratifying to the librarian to report 100 % membership of the Trustees. The library offered the use of its basement as a

concentration depot for books collected by the Club in eastern Massachusetts for the devastated libraries of Vermont. As the year ended books for this purpose were beginning to arrive.

Among other attentions received from the Department of Public Buildings we especially wish to acknowledge five dozen new chairs, much needed to replace the wear and breakage of fourteen years.

Changes of personnel in the staff during the year have been as follows:

Resignations from the Graded service: Irene Smith, senior assistant, and Ingrid Blom, junior assistant.

Appointments to the Graded service: Ruth Hyatt, senior assistant; Ingrid Blom, Ruth H. Eaton, and Kathryn Kenny, junior assistants.

Promotions in the Graded service in regular course under the provisions of the Scheme of Service: Florence A. Bolster, children's librarian at East; Marion H. Hanford, Beatrice M. Kenny, Barbara Klingenhagen, and Alice J. Underwood to senior assistants.

Employed in the Ungraded service for temporary summer vacation work: Margaret E. Soar, Winifred J. Pember, James J. Carney and Philip L. Rusden.

Graduates of the Training Class in April were: Ingrid Blom, Ruth H. Eaton, Ruth Hyatt, Lillian E. Kemelman, Kathryn Kenny, and Wendell D. Ross.

Admissions to the Training Class in October were: Helen T. Blish, Ruth Nourbourn, Kathleen O'Brien, Winifred J. Pember, Gertrude Reynolds, and Evelyn R. Robinson.

TEN YEAR REVIEW

The passing of 1927 rounds out a period of ten full calendar years under the administration of the present librarian. A brief review of this period may be of interest since it has been one of great activity and change. The employment of a

new librarian in May, 1917, was almost contemporaneous with the entrance of the United States into the World war. Memories of that crisis are still so vivid that it is unnecessary to be reminded of how all local interests were subordinated to the needs of the nation. It was a time of retrenchment in the expenditure of public funds for peace time purposes, and of concentration upon the determination of winning the war. Our library suffered its full share of poverty and economy. It sent its librarian for some months into a southern naval camp for welfare work among our naval forces. The termination of the war brought serious problems of recovery and reconstruction. The first half of the decade under consideration was perhaps the most abnormal and critical since the Civil War. The record of our library and the condition in which it emerged from the trying times should be of interest to our citizens.

One of the outstanding problems was that of recruiting our staff with properly trained assistants at a time when the services of women were at a high premium to replace the man power of the nation drafted for war. The solution of this problem was found in the establishment of the library training class. The program of the class was carefully laid out to include instruction and practice in the major subjects of library technology. Fortunately we had a sufficient nucleus of experienced librarians to carry on the program. The first Director was Miss Helen Luitweiler, a graduate of the Library School of Simmons College, and now 1st Assistant in the Lynn Public Library. After a successful first year under her supervision the direction of the class was taken over by Miss Nellie M. Whipple, our Assistant Librarian, who has since carried it on.

During this period 53 pupils were admitted to the class. Six are still engaged in the studies of the current year, and 43 have been graduated. Of the latter 39 received appointment in this library. Some of the most valued members of our staff have come to us through the training class. Most of them have eventually left us for better paid positions in other libraries. We have no reason to be ashamed of their records, and one of our keenest pleasures is the continuing loyalty which they uniformly exhibit toward their Alma Mater library. We have consistently regarded the class as strictly a recruiting agency for those positions in our own library for which library schools offer no candidates, and in no sense as a professional training school.

The total number of individuals serving upon the library staff under regular full time appointment within the decade is 130. The very large number of part time employees, though serving a vital purpose, can not be considered here. Of these 130 employees 48 went from us to better positions elsewhere. Among them are five head librarians, one 1st Assistant in a city library, one teacher in a graduate library school, five special or technical librarians, five High or Normal school librarians, three Reference librarians, one Chief Cataloger, five Children's librarians. Of the five who became head librarians four received their entire training in this library. Matrimony has claimed 25. 26 were college graduates, and of this number 14 also had professional library school training. Experience with the latter leads us to the conclusion that the library schools of professional rank turn out a product of the highest excellence when the raw material is endowed with the requisite mentality joined to an engaging personality. But no training can ever change the quality of mentality. We urge the mentally well-endowed to get all the training they can from every possible source, and others to seek a different occupation.

During these ten years the library has sent into the homes of Somerville no less than 4,643,286 books. It has registered as library borrowers 80,334 people. It has added to its collection of books 77,610 volumes, an average of 7,761 per year. It has at the same time retired from use for wear and tear and other normal causes 66,909 volumes. This loss is 1.4% of the ten-year total of loans. It is not an alarming figure. It must be accepted as an item in the cost of doing business under the modern conceptions of liberality in the access of the public to the means of education.

These same years have seen gradual accretions to the financial resources of the library, and still greater promise for the future. The following is a list of the permanent funds given to the library, amounting to a total of \$29,400.

- 1920. Bequest of Arthur A. Smith of \$5,000. Not yet available.
- 1925. Gift of Sarah L. Graves of \$400. in memory of Mr. Henry H. Babcock.
- 1925. Bequest of Dr. Edward C. Booth of \$3,000. Not yet available.

1927. Bequest of Dr. Herbert E. Buffum of \$20,000. Not yet available.
1927. Gift of Mr. Thomas J. Buffum of \$1,000 as a memorial of his family.

It is interesting to note the increasing tendency of benefactors of the library to specify their intention not to relieve the city of its support of the library in any degree, but on the other hand to declare their purpose of enabling the library by their gifts to secure advantages beyond those that could ordinarily be hoped for within the limits of a municipal appropriation. We commend this idea to the attention of the benevolent minded.

The methods and equipment of the Central office of administration have been completely transformed. Our transactions, no matter of what nature, are now represented each by its own appropriate and permanent record. Nothing is left to chance or to recollection. These records are mainly of the vertical or loose-leaf types, combining ease of entry, economy of work and convenience of reference. All statistical records and reports are constructed upon systems of cross checks and cumulations, so that at any given date a complete statement of the current condition is immediately available. The system of cross checks for accuracy and the cumulative features have eliminated the old-time pressure of computations at the end of the year.

The office files may be classified somewhat loosely as follows.

1. Personnel
 - Employment
 - Attendance
 - Examinations
 - Promotion
 - Experience records
 - Training Class records
2. General correspondence
3. General cumulative statistics of annual operation
4. Finance
 - Budget
 - Appropriations
 - Classified expenditures
 - Trust fund accounts

5. Book Orders
 - Orders placed
 - Receipts
 - Other disposals
 - Gifts
6. Dealers
 - Books
 - Equipment
7. Library exchanges
8. Somerville Public Library publications and forms
9. Clippings. News and publicity
10. Professional and technical library material

The library has certain collections of considerable extent and value. The catalog department in addition to its regular and current activities has developed the usefulness of these collections to a marked degree. The Local History group, one that is very much used, has been entirely re-classified and re-cataloged according to a special system of proved utility. Genealogy has also been re-classified and re-cataloged. These two classes are segregated in a room of their own. When the work of revision was done a duplicate catalog was made and has been installed in the room conveniently at hand for consultation. The same work has been done for the collection of books about Somerville and by Somerville writers. Music, of which we have a rich collection, has been brought out in considerable detail in the catalog. These changes are all in the direction of greater availability to the users of the library. Particular attention has been paid to the collection of books relating to the technique of librarianship and allied subjects. This is made especially available to the library staff with the intention of promoting the maximum intelligence of our service.

It would be an unfortunate omission to bring to a close a ten year survey without mention of the compilation of our own text-book of library procedure known to our staff as "Approved Library Methods of the Somerville Public Library." This is a step by step description of all the numerous policies, rules and processes involved in the control and management of our library system. It provides not only a complete method, but an approved authority to be followed by employees in the discharge of whatever duty or process is incumbent upon them. Every employee, either in an executive or a

special position, has been provided with such a portion of the entire text-book as applies to her particular work, and copies of the complete compilation are available for reference to all members of the staff.

A major addition to our equipment was the new East Somerville branch building into which we moved in 1918, and which has become a busy and much appreciated community center.

In 1922 the fiftieth anniversary of the founding of the library was observed by the publication of an illustrated memorial report which contains important historical facts. In 1924 the Central library was completed by the decoration of the walls and ceiling of the central hall in a notably artistic and appropriate manner.

It is hoped that this brief resume of the decade just past may serve to place upon record and to bring to the attention of interested citizens some of the worth while activities of their library, that, belonging to no particular year but extending over a series of years, have not had special mention in the regular annual reports.

The appended statistics of operation for the year 1927 are submitted as a part of this report.

Respectfully submitted,

GEORGE H. EVANS,

Librarian.

The Public Library of the City of Somerville

APPENDIX A

Statistics for Use and Growth

Circulation

	Central	West	East	Union	Schools	Total
Volumes circulated adult	123,262	81,984	54,530	52,385	1,013	313,174
Volumes circulated juvenile	48,328	31,247	31,996	50,847	67,967	230,385
Total circulation (A. L. A. rules)	171,590	113,231	86,526	103,232	68,980	543,559

Accessions

	Central	West	East	Union	Total
Volumes in library, Dec. 31, 1926	91,474	15,698	7,553	1,145	9,263
Volumes added	4,639	1,480	1,342	1,145	8,606
Volumes transferred to	1	11	3	7	22
Volumes restored	42	5	5	2	54
Total additions	4,682	1,496	1,350	1,154	8,682
Volumes withdrawn	3,029	836	535	725	5,125
Volumes transferred from	20	2	0	0	22
Volumes lost	1,300	110	67	129	1,606
Total reductions	4,349	948	602	854	6,753
Net gain	333	548	748	300	1,929
Volumes in library, Dec. 31, 1927	91,807	16,246	8,301	9,563	125,917

Registration

	Central	West	East	Union	Total
Borrowers registered Dec. 31, 1926	7,089	4,954	2,586	2,535	17,164
Expirations in 1927	3,585	2,446	1,255	1,164	8,450
Registrations in 1927	3,697	2,442	1,454	1,432	9,025
Borrowers registered, Dec. 31, 1927	7,201	4,950	2,785	2,803	17,739

Expenditures in Library Department

Expenditure per book lent	\$0.122	Per capita expenditure for library service	\$0.646
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APPENDIX B

American Library Association Form for Uniform Statistics

Annual report for year ended December 31, 1927

Name of library: The Public Library of the City of Somerville, Mass.

City: Somerville

State: Massachusetts

Name of Librarian: George Hill Evans

Date of founding 1872

Population served (latest estimate) 103,000

Assessed valuation of city \$116,406,900 00

Rate of tax levy for library purposes: .69 of a mill

Terms of use: Free for lending

Free for reference

Total number of agencies 248

Consisting of Central Library 1

Branches 3

High School Department 1

School Rooms 239

Institutions 4

Number of days open during year (Central Library) 303

Hours open each week for lending (Central Library) 72

Hours open each week for reading (Central Library) 72

INCREASE

Number of volumes at beginning of year 123,983

Number of volumes added during year by purchase 8,294

Number of volumes added during year by gift or exchange 225

Number of volumes added during year by binding material not otherwise counted 87

Number of volumes added during year by lost books restored 54

Number of volumes lost or withdrawn during year 6,731

Total number at end of year 125,917

USE

	Adult	Juvenile	Total
Number of volumes of fiction lent for home use	240,976	134,123	375,099

Total number of volumes lent for home use	313,174	230,385	543,559
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Number of pictures, photographs and prints lent for home use			2,141
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REGISTRATION

	Adult	Juvenile	Total
Number of borrowers registered during year	4,728	4,297	9,025
Total number or registered borrowers	9,612	8,127	17,739
Registration period, years			2
Number of periodicals and newspapers currently received:			
Titles			250
Copies			623
Number of publications issued during year:			
Bulletins			7
Number of staff, library service			39
Number of staff, janitor service			6

FINANCE

Receipts from:

Local taxation:

Library Department	\$60,410 15
Public Buildings Department	14,991 10
Invested funds	1,842 29
Fines	2,360 80
Other sources (dog licenses)	2,699 05
Total	82,303 39

Unexpended balance from previous year (invested funds)	713 41
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Grand Total	\$83,016 80
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Payments for:

Library Operating Expenses:

Librarians' Salaries	\$45,840 47
Books	12,275 76
Periodicals	1,329 50
Binding	3,084 14
Supplies, stationery, printing, etc.	2,143 22
Furniture, equipment, etc.	0 00
Telephone, postage, freight, express	1,654 67
Other items	210 67

Total	\$66,538 43
-------------	-------------

Building Maintenance Expenses:

Janitors, mechanics, wages, etc.	\$8,546 58
Cleaning supplies and equipment	179 10
Building repairs and minor alterations	570 94

Rent	0 00	
Heat and light	4,848 13	
Other items	648 00	
	<hr/>	
Total		\$14,792 75
Total Maintenance Expenses		\$81,331 18
Balance from Appropriation, Library Dept.	\$ 2 05	
Balance from Invested Funds	1,485 22	
Interest	\$485 22	
Buffum Fund	1,000 00	
	<hr/>	
Balance from Appropriation, Public Build- ings Department	198 35	
Maintenance expenditure per volume of circulation		\$.149
Maintenance expenditure per capita		\$.789

REPORT OF LAW DEPARTMENT

To the Honorable the Mayor and the Board of Aldermen of the city of Somerville:

The annual report of the law department for the year ending December 31, 1927, is as follows:

An action brought in the supreme court by owners of land at the corner of School Street and Evergreen Avenue against the building commissioner to compel the issue of a permit for the erection of an apartment house was tried before an auditor and finally disposed of in favor of the commissioner.

An action brought in the supreme court by ten taxpayers to set aside an order passed by the board of aldermen in regard to the sale of bonds for the erection of additions to the high school was tried before a justice of that court and a final decision was made sustaining the order.

I helped prepare a form of proposal and a form of contract which was executed by the successful bidder for the erection of additions to the high school.

The revision of the building ordinance was completed and the ordinance was adopted. Many questions in regard to the application of the zoning ordinance were decided. As usual I helped prepare various orders and ordinances for the board of aldermen and gave opinions to departments of the city government and approved as to form or helped prepare a large number of agreements and bonds.

A report by Ralph M. Smith, assistant in this department, is presented herewith as a part of this report. I attended to all civil cases in which the city was interested brought in the Somerville District Court of which he is one of the justices.

Yours very respectfully,

FRANK W. KAAN,

City Solicitor.

Frank W. Kaan,
City Solicitor:

I beg to submit the following report for the year 1927 on that portion of the City Solicitor's work which was entrusted to my charge.

Street Accident Notices

Pending December 31st, 1926	61
New notices received	45
Disposed of and settled	26
Pending December 31st, 1927	80

All of the pending notices have been investigated and all available facts are on file.

Street Accident Cases in Superior Court

Pending December 31st, 1926	24
New cases entered	13
Disposed of and settled	14
Cases pending December 31st, 1927	23

Of the cases still pending in Court one has been reported to the Supreme Court but not yet argued. It will probably be argued at the January sitting of the Supreme Judicial Court.

Title Examination

Two titles have been examined during the year, one the so-called Glen Street Playground and the other a taking on Clyde Street.

Collection Matters

Pending December 31st, 1926	31
New cases received	16
Disposed of and settled	22
Cases pending December 31st, 1927	25

Fifteen suits have been brought during the year on collection matters and there are eleven suits still pending in Court.

In addition to the above I have attended hearings before the Finance Committee on thirty-four claims, have brought

a proceeding to foreclose tax liens on Alpine and Roberts Street and have approved bonds, contracts, etc., in the absence of the City Solicitor. I have also had several conferences and given oral opinions to various department heads.

Respectfully submitted,

RALPH M. SMITH.

REPORT OF SANITARY DEPARTMENT

January 30, 1928.

To the Honorable, the Mayor and Board of Aldermen of the
City of Somerville.

Gentlemen:

The report of the Sanitary Department for the year 1927 is respectfully submitted herewith.

Collections of Ashes and Paper

	Ashes (Cubic Yards)	Paper (Cubic Yards)
January	20,789	3,800
February	19,216	3,500
March	17,228	4,720
April	15,724	3,900
May	12,100	4,210
June	11,123	3,800
July	10,097	4,000
August	9,043	3,900
September	9,787	4,700
October	12,750	3,960
November	13,148	4,000
December	17,569	4,132
	168,574	48,622

The paper and combustible materials are being disposed of at the incinerator plant, the city receiving a revenue of \$400. per year for the paper. The garbage is collected by contract, twice a week from April 1st to January 1st and once a week for the period from January 1st to the following April 1st.

The old Coleman ledge property off Edgar avenue is being used to dump non-combustible refuse. The depart-

ment is making good progress towards cleaning up the Clarendon Hill dump.

The non-combustible materials are being collected principally with automobile trucks on account of the distance to the Medford dumps which are being used by this department subject to the rules and regulations of the Board of Health of the City of Medford.

Respectfully submitted,

EDGAR T. MAYHEW,

Supt. of Sanitary Dept.

REPORT OF LICENSING COMMISSION

January 30, 1928.

To the Honorable the Mayor and the Board of Aldermen of
the City of Somerville.

Gentlemen :

The Licensing Commission respectfully submits the following report for the year ending December 31, 1927.

The Commission continues to follow its established policy in matters within its jurisdiction and is pleased to report satisfactory results thereby.

The efforts of the Commission have been supplemented by the assistance of the Chief Engineer of the Fire Department and other heads of departments in a most gratifying manner, which is deeply appreciated. The Commission further desires to express to Mayor Leon M. Conwell its sincere appreciation of the many courtesies extended by him.

Applications for garage licenses will show a decrease over that of 1926; the reason for such decrease being the natural tendency of such construction toward normalcy.

Applications for Lord's Day Licenses will show an increase for 1927 which is not inconsistent with the natural growth of the city.

Applications were received and acted upon by the Commission as follows:—

Garage Licenses

190 Applications received.

164 Licenses granted and issued.

15 Applicants given leave to withdraw.

9 Applications held over to 1928.

Lord's Day Licenses

- 301 Applications received.
- 266 Licenses granted and issued.
- 23 Applicants given leave to withdraw.
- 8 Transfer of locations granted.
- 4 Applications held over to 1928.

The fees for the above licenses granted and issued amounting to \$1662.00 were paid over to the City Treasurer.

Respectfully submitted,

EUGENE M. CARMAN, *Chairman,*

WM. H. SMITH,

WM. J. SHANAHAN,

Licensing Commission.

Attest:

R. A. KEYES,

Secretary.

REPORT OF THE SEALER OF WEIGHTS AND MEASURES

Office of Sealer of Weights and Measures.

City Hall, Somerville, January 1, 1928.

To His Honor, the Mayor, and the Board of Aldermen:—

The following report of the Sealer of Weights and Measures for the year 1927 is respectfully submitted:—

Work of Weights and Measures Department for 1926

	Adjusted	Sealed	Non-Sealed	Con-demned
Platform over 5000 capacity.....	....	53	....	....
Platform under 5000 capacity	4	413	12	8
Counter	9	518	....	10
Spring	1	812	4	27
Computing	1	593	8	3
Slot Personal Weighing .....	....	60	....	4
Prescription .....	....	57	....	....
Beam .....	....	16	4	....
Weights				
Avoirdupois	28	3789	....	11
Apothecary .....	....	807	....	13
Metric .....	....	236	....	3
Troy .....	....	24	....	....
Capacity Measures				
Dry .....	....	26	....	....
Liquid .....	....	1858	24	66
Gasoline Pumps .....	....	274	23	....
Oil Pumps .....	....	64	443	....
Molasses Pumps .....	....	21	1	....
Quantity measures on Pumps.....	....	1230	....	....
Yard Sticks .....	....	158	....	4
Wood Baskets .....	....	13	....	....
Cloth Measuring Devices.....	....	2	....	....
Taxi Meters .....	....	29	....	....
Total.....	43	11153	519	141

Inspections other than sealing:

Number of scales and measures in stores.....	443
Number of Pedlers' scales.....	102
Number of Junk scales.....	11
Number of Ice scales.....	16
Number of Gasoline devices.....	73
Number of Pedlers' Licenses.....	151
Taxi Meters	24
Coal Certificates	13

Condemned for repairs or replacement on road:

Number of scales and measures inspected and C D.....	171
Number repaired or replaced and sealed.....	108
Number not reported ready for sealing.....	63

Condemned for repairs or replacement at office:

Number of scales and measures inspected and C D.....	50
Number repaired or replaced and sealed	32
Number not reported ready for sealing.....	18

Gasoline Station Tests:

Total number of calls.....	150
Number of different stations.....	109
Number of call backs to stations previously inspected...	73
Total number of gallons of gas drawn for tests.....	6427
Average gallons of gas drawn per pump.....	21½
Total number of pumps inspected.....	297
Number of pumps sealed.....	274
Number of pumps N. S.	23
Number of Pumps C D.....	0
Total number of oil pumps.....	507
Number of oil pumps sealed.....	64
Number of oil pumps non-sealed.....	443

Summary of tests and inspections:

	Total Number	Correct	Under	Over
Loaves of Bread.....	195	102	25	68
Packages of Butter.....	142	137	5	0
Coal in paper bags.....	80	47	19	14
Coal in Transit.....	14	3	2	9
Confectionery	88	78	10	0
Dry Commodity	1515	1195	313	7
Bags of Flour	112	75	35	2
Fruits and Vegetables	385	239	120	26
Ice	4	3	1	0
Meats and Provisions	249	159	70	20
Total.....	2784	2038	600	146

Other Inspections:

Marking of Food Packages.....	471
Marking of Bread.....	194
Paper or Fibre Cartons.....	150
Milk Jars	600
Wholesale Milk Cans	1130
Metal Ice Cream Containers	170
Taximeters	54

Miscellaneous:

Complaints Investigated	7
Total Number Licenses Issued	283
Court Cases	1
Amount paid City Treasurer for Pedlers' Licenses.....	\$915.00
Amount paid City Treasurer as Sealing Fees.....	960.28

The reduction in revenue derived from Pedlers' Licenses was due to the fact that a number of Pedlers' took out State Licenses. This was caused by several nearby cities and towns increasing their license fees from \$5 to \$27.

B. S. ABBOTT,

Sealer of Weights and Measures.

REPORT OF THE COMMISSIONER OF ELECTRIC LINES AND LIGHTS

Somerville, Mass.,

January 1, 1928.

To the Honorable, the Mayor and the Board of Aldermen of
the City of Somerville.

Gentlemen:—

I most respectfully submit my nineteenth annual report as Commissioner of Electric Lines and Lights for the year ending December 31, 1927.

Inspection of Wiring in Buildings

The work of the inspection department has been materially increased owing to the large number of electrical installations for light, heat and power.

The use of electrical appliances in the home and in business has necessitated a large number of inspections owing to the connecting of many of these appliances not up to standard requirements.

All kinds of devices both approved and unapproved are on the market and are sold to the public to be attached to lighting circuits without regard for safety or practical use.

Radio equipment of all kinds are found connected with no attention being paid to insurance or City rules governing same.

Numerous complaints have been received of unlicensed electricians doing work which has given a great amount of trouble the result being that such work has to be done over to avoid chances of fire.

The home electrician is another source of trouble and danger and several fires may be traced to wiring done with all kinds of wire fastened in place by tacks and nails connected to cheap and unapproved devices.

Overloading of circuits by the use of washing machines, cooking utensils, table and reading lamps cause the protective fuses to be burned out which are generally replaced by larger and improper ones.

Separate circuits are required for such appliances.

Permits must be secured before any electrical work can be done by any person and it is urged that no work be accepted or paid for until inspected and approved.

Number of notifications of new work.....	2900
Number of inspections of new work.....	4445
Number of re-inspections of new work.....	867
Number of inspections of old work.....	75
Number of defective installations of old work.....	50
Number of defective installations remedied.....	40
Number of re-inspections of old work.....	20
Total number of inspections.....	5407
Number of permits issued to the Edison Electric Illuminating Co. for installing maters, lamps, etc.....	3428

Fire Alarm System

The Fire Alarm System is in excellent condition but some of the older apparatus should be replaced.

292 bell alarms have been received and transmitted during the year.

614 telephone calls for fire were received and fire department sent.

3 A. D. T. alarms were received and transmitted.

The central office equipment consists of the following:—

2—	6 circuit operating boards.
1—	5 circuit tapper board.
1—	5 circuit gong board.
2—	16 circuit storage battery charging boards.
1—	32 circuit protector board.
1—	12 circuit automatic repeater.
1—	1 dial 4 number manual transmitter.
2—	5 circuit punching registers.
13	punching registers and take up reels.
2	automatic time and date stamps.
1	master clock.
950	cells storage battery.
5	10 foot 4 shelf battery racks.
4	metropolitan tappers and 2 gongs.

Apparatus outside the central office consists of the following:—

- 141 signal boxes.
- 7 tower strikers.
- 45 gongs.
- 10 punching registers.
- 20 tappers.
- 8 private telephones.
- 3 traffic horns.

About 64 miles of overhead wires and 83 miles of underground wires.

Two new boxes have been installed.

No. 242 Rose Street corner Lewis Street.
No. 243 Line Street corner Cooney Street.
Also an auxilliary box in Somerville Hospital.

14,600 feet of overhead wire has been run and 46,550 feet of old wire removed.

2800 feet of underground cable was installed.

Police Signal System

The Police Signal System is in good condition after 15 years of service.

A number of boxes have been overhauled and parts replaced.

One new box has been installed on Line Street corner Cooney Street.

New batteries are needed and desk overhauled.

The system consists of the following:—

- 1—4 circuit police desk.
- About 16 miles of overhead wire.
- 3 Special boxes.
- 61 street signal boxes.

About 18 miles of underground cable.

Supervision of Poles and Wires on the Streets

The same attention has been given to the condition of poles and wires on the streets as in previous years. A number of defective poles have been replaced by the companies owning same.

New poles have been placed in locations granted for the purpose of supplying lighting and telephone service and abandoned poles have been removed.

	New poles	Re- placed	Re- moved	Re- set
New England Telephone & Telegraph Co.	9	32	4	
Edison Electric Illuminating Co.....	24	150	14	
Boston Elevated Railway Company.....			10	1
Permits given to the New England Tel. & Tel Co. for attachments to the Edison Company's poles	25			....
Permits given to the Edison Electric Ill. Co. for attachments to the New England Tel. & Tel. Company's poles	41			

Street Lighting

A number of new lights have been added and some have been changed.

The new Northern Artery opened for public traffic is lighted by 58-1500 C. P. lamps.

The number of street lights January 1, 1928 are as follows:—

219	Magnetite lights.
58	1500 C. P. lights.
28	1000 C. P. lights.
401	600 C. P. lights.
986	80 C. P. Lights.
153	100 C. P. lights.

3 New traffic spot lights have been installed.

Recommendation

I respectfully recommend that:—

Another assistant inspector be employed to enable the department to more thoroughly cover all new and old installations of electrical wiring in the City. This is imperative as with the increase of new installations and the time required to inspect same, old work cannot be properly checked up.

The old truck used by the department be replaced by a new covered light truck.

Conclusion

I wish to thank His Honor, the Mayor, the members of the Board of Aldermen and the several departments for the many courtesies received.

Respectfully yours,

WALTER I. FULLER,

Commissioner of Electric Lines and Lights.

PUBLIC WELFARE AND RECREATION COMMISSION
1927

REV. HERMAN D. BERLEW

Chairman

MEMBERS

	Term Expires January
REV. HERMAN D. BERLEW	1929
MRS. PEARL L. CALDWELL	1928
CHARLES S. CLARK	1928
ERNEST W. DANFORTH	1929
DR. WINNIFRED P. DAVIS	1929
GEORGE H. EVANS	1929
MRS. ARTHUR W. HURLBURT	1929
MISS MARY McGANN	1928
JOSEPH J. PINCUS	1928
MRS. JENNIE E. STOWELL	1928

FRANCIS J. MAHONEY

Secretary to the
Commission

CITY OF SOMERVILLE, MASSACHUSETTS

January 3, 1928.

To the Honorable the Mayor and the Board of Aldermen:

The Public Welfare and Recreation Commission submits this report of work accomplished during the year 1927 calling particular attention to its recommendations for the year 1928.

No report by this Commission can be clear unless there is clearly kept in mind the underlying fact that, despite its name, the Recreation Commission has not, and cannot under present conditions assume, jurisdiction over the City's Recreation facilities. Instead the jurisdiction is distributed, under the City Charter, among several Departments, of which the City's Engineer's Department and the Building Department bear the major responsibility. The Recreation Commission has no jurisdiction over facilities which might be styled the chief tools of recreation. Examples are the play areas, maintained and controlled by two other departments; storage places; basins for wading pools and the municipal bathing beach. Other examples are skating facilities, and regulation in allotment of baseball fields to users. While the officials of these other Departments have practiced co-operation within the bounds of possibility, the resources at their disposal are extremely limited and the business of providing and conditioning these "Recreation tools" is decidedly incidental to their general jurisdiction.

To offer recommendations calculated to assist in co-ordinating the work of these departments for Recreation, is, we believe, the function of the Recreation Commission. Accordingly, this Commission has repeatedly brought to the attention of the City Government the Commission's analysis of what ought to be accomplished through these various Departments for the improvement of the Recreation situation in Somerville.

The Commission's general analysis has been stated in its Annual Report for 1925, in the Report of the Director, page 25. The Commission believes now, as then, that any considerable progress for Recreation depends on the City's accepting that analysis and acting upon the conclusions it offers. Attention is respectfully called to page 25 and following pages in the Commission's Annual Report for 1925. In that analysis it is pointed out that the first steps necessary to progress must be made, not by any of the Executive De-

partments in question, but by the City Government. These first necessary steps by the City Government are summed up on page 27 of the Commission's 1925 Report, as follows:

- “(a) Provision for increased emphasis on those branches of the work under the City Engineer's, Building, Water, and other Departments that have to do with Recreation facilities.
- “(b) Recognition of the essential fact that the grounds for play, buildings for storage, basins for wading pools, baseball diamonds, etc., are, of nature, “Recreation tools”, the utilization of which should be largely directed by the Recreation Commission.
- “(c) Substantial increase in appropriation of funds to all of these Departments, with specification that the Recreation Commission's intentions and plans be regarded and consulted in the disposition of these funds;
- “(d) Substantial increase in appropriation of funds to the Public Welfare and Recreation Commission.”

To assist the City Government in the task suggested by items (a), (b), and (c), in the foregoing paragraph, the Commission, in the same 1925 Report, offered a “Five Year Program”. This program is to be found on page 5 of the Commission's Report for that year. During the two years that have since passed,—1926 and 1927, some specific accomplishments, included in the Five Year Program, have been realized. They are mentioned below. Below also are pointed out again the further steps which are immediately necessary, in the Commission's judgment, and which are urgently recommended to the City Government for prompt action in 1928.

Item (d) above, calling for increased appropriation to the Recreation Commission, has been acted upon in part by the City Government. Increased appropriation during 1926 made possible the extension of play supervision during the Summer, Spring and Fall. The increase of \$1000 during 1927 has been used along the lines which are stated in the Report of the Director included in the present Report.

In pursuance of the Five Year Program the following items of accomplishments may be summarized:—

Partial resurfacing of some school yards.

One running track has been constructed at Somerville Field.

A section of Foss Park has been set apart as a playground, and partly resurfaced.

Some provision for Public Bath House and beach on the Mystic River.

In pursuance of the work of the Commission itself, as distinguished from the work under these other Departments, the Commission calls attention to the report of the Director, included in this Report; and strongly urges attention to the Director's recommendations.

The Commission recommends in pursuance of the Five Year Program, that a sufficient sum of money be appropriated to the Commissioner of Public Buildings:

1. To complete the resurfacing of the following school yards, which are in poor condition, and where supervised play activities are carried on under this Commission:—Morse, Bennett, Hodgkins, Western Junior High, and Southern Junior High.
2. To plant shade trees on the grounds of the Perry, Hodgkins, Western Junior High and Bennett Schools.

In like manner the Commission urges that a definite increase of funds be allowed to the City Engineer for the following purposes:

1. Resurfacing Lincoln Park, Kent St. Playground, Joy St. Playground, John M. Woods Playground, and portions of Richard Trum Field.
2. Fencing—Joy St. Playground; and the unfenced sections of the Glen St. and John M. Woods Playgrounds.
3. Planting of shade trees on: Lincoln Park, Richard Trum Field, John M. Woods Playground, Kent St. Playground border, Glen St. Playground, Joy St. Playground border.
4. Erecting suitable field houses with shower baths and storage rooms on the larger playgrounds.

5. Erection on several of the playgrounds of additional swings and other permanent apparatus with special emphasis on the John M. Woods and Glen St. Playgrounds.
6. Enlarging the wading pool at Lincoln Park and installing wading pools on other playgrounds.
7. Completing the work of converting part of Foss Park into a playground.
8. "Manning" the task of providing, protecting and preserving ice in season for skating at Richard Trum Playground, Glen St. Playground, Kent St. Playground and Foss Park Playground.
9. Completing the work on the running track at Dilboy Field, recently constructed under the City Engineer, so that it may be put to the triple use originally intended by water-proofing the pool which it encircles, for use as a wading pool in summer and a hockey rink in winter.
10. Completing the work for suitable bathing conditions at the Mystic River.

Additional to the suggested appropriation to those Departments, mentioned above, which control and handle the Tools of Recreation, the year 1928 calls for definite increased expenditures by this Commission:—

1. For renewal of equipment on some playgrounds.
2. For purchase of needed new equipment.
3. For increase in the supervisory force commensurate with the increase of playground attendance.
4. For extension of the Summer Playgrounds season.
5. For increase in the number of units of Saturday supervised play.

There remains before the Commission the rapidly growing need for more playground space, most especially playgrounds of the smaller, "neighborhood" type, suitably equipped and adequately conditioned for use especially by the younger children. Immediate provision in this direction is recommended, so that the children of this city may play

in safety. The Commission judges the need to be especially great in the following districts:—

1. The district bounded by Central and Cedar Streets, Highland Ave. and the "Boston and Lowell" Railroad tracks—the district which centers at the junction of Lowell and Albion Streets.
2. Willow Ave. section north of Highland Ave. in the vicinity of the Brown School.
3. The extreme easterly section of Somerville, near Charlestown.
4. The vicinity of Gilman Square.
5. The Prospect Hill—Central Hill—School Street district.

Finally the Commission repeats its recommendation of a year ago, that the City provide a motor-cycle police officer for the sole purpose of patrolling, during the playground seasons the playgrounds and public parks, so as to insure the children of security, and protect the City's property.

The Commission has strong evidence that citizens generally approve the plans for continued progressive improvement in the Recreation situation, and asks further careful consideration of his Honor the Mayor, and the Honorable Board of Aldermen, as well as the support of those to whom the suggested improvements will bring benefits.

Respectfully submitted for the Commission,

HERMAN D. BERLEW,
Chairman.

REPORT OF DIRECTOR

To the Public Welfare and Recreation Commission:

The customary Annual Report by the Director to your Commission for the year 1927 is necessarily different in scope and in its nature from previous reports; and it is also necessarily briefer and less detailed; because the year 1927, as regards the activities under your Commission, differs from any of the several years preceding it. This difference lies in the fact that the Commission has been obliged to abandon almost completely, at least for the year 1927, its standing policy of gradually expanding its program for Recreation by building, with each succeeding year, upon the foundations previously laid in the various branches of the work.

This halting in the Commission's expansion policy results from the departure, in the policy of the City Government, from the custom of making, with each succeeding year, substantially increased appropriation enabling the Commission to finance this policy of steady expansion, which has been intended to lead up to a complete system ample to meet Somerville's Recreation needs.

Although an increase of \$1000 was appropriated for 1927 to be applied for the work under your Commission, this increase of 10% over the appropriation of 1926 represents a percentage of increase equal only to about one-third of the average percentage of increase for the three years preceding 1927. This \$1000, accordingly, has not warranted your Commission in any considerable expansion of its program. In fact the increase has been largely absorbed by certain expansions carefully worked out under your Commission during the latter part of the previous year, 1926, not calling for financial expenditure during the earlier part of the year, but requiring for 1927 financing for twelve months as against only the closing months of 1926.

For re-statement of the fundamental fact stated in the foregoing paragraph, and for the sake of clearness, the following figures are cited:—for the years 1924, 1925 and 1926, increased appropriations of 40%, 17% and 25%, respectively, were made by the City Government over the appropriations of each preceding year; whereas for the year 1927 there has been an increase of 10%. Whereas the increases in appropriation in former years had enabled the Commission to provide for: (a) Working out, during the latter part of each year, new expansions to serve as basis for the permanent ex-

pansions to be maintained throughout the entire year following; and (b) Financing through each twelve-month period, as permanent parts of its program, those expansions which had been worked out in the latter part of the preceding year; the increase for 1927 has been largely absorbed in financing during the year the program which the Commission had been maintaining at the close of the previous year, without allowing any considerable provision for 1927 expansions in the direction of an ample Recreation system, as mentioned above.

Accordingly, this report of the Director is concerned chiefly with the statement of facts as to how the increased appropriation for 1927 has been applied during the year to the activities under the Commission, rather than with the reporting of new developments or forward strides in the various branches of the work.

There are, however, a few new features in connection with the method of carrying out the already existing program, made possible through the increased appropriation already mentioned. These features include the intensifying of certain Summer Playground activities, the introduction of certain new activities and the applying of additional supervision in connection with Summer activities. These features of the year's work are also dealt with in this report.

Following is an outline of the substance of this report.

1. Statement of Distribution of Increased Appropriation.
2. New Features Among Activities.
3. Minor Expansions in the Saturday and After-School Supervision of Play and Athletics.
4. Financial Statement.
5. Recommendations.

Distribution of 1927 Increase of Appropriation

The major items indicating the lines along which was applied the \$1000 increase of appropriation for 1927 are as follows:—

- (a) Summer Playgrounds Season.
 - (1) Equipment for new major playground activity—"Paddle Tennis".
 - (2) Special Supervision for this activity in "Paddle Tennis".

- (3) Additional workers in Supervision (assistants to supervisors at Lincoln Park and John M. Woods Playground, and apprentices at Dilboy Field and Foss Park) to meet requirements of increased attendance.
- (b) Saturday Supervised Play.
 - (1) Supervision, during thirty-five weeks, of units added in October of previous year (1926) and operated for only ten weeks in 1926.
 - (2) Additional Supervision for two new units introduced during last eight weeks of 1927 season.
- (c) Increase of Clerical service in the work of the Commission, in administration under the director, and in assisting the Summer Playgrounds organization (Cost in 1926, \$161.55, Cost in 1927, \$255.72; increase approximately \$95.)
- (d) After School Supervision of Athletics:—Two units for girls added to those for boys; and number of boys' units increased from two to four.
- (e) Increased cost of organizing the work in Canning and Preserving, and in replacing utensils, etc.
- (f) Increased cost of trucking and transportation of play materials and apparatus resulting from expansions of work indicated in (a), 1; (b), 1, 2; and (d).

"Paddle Tennis" and the equipment it involves, mentioned in (a) 1 and 2 above, enter not only into a discussion of finances but also into the explanation of the new activities during the Summer season. Under this latter head they are discussed below.

In accordance with the recommendation of the Director, made in the report for 1926, your Commission assigned an assistant to the Play Supervisor at Lincoln Park during the past Summer, thus simplifying the problem of reaching the average attendance of 300 boys per session at that playground and enabling the supervisory corps to bring about more intense activity there.

At the John M. Woods Playground only a woman supervisor had been employed during the Summer of 1926—the first season during which experiment had been made under your Commission at this newly acquired playground. At

that time the Director had recommended the employment of a man supervisor for the boys; but the inavailability of funds made this impossible. Acting upon the increased appropriation in 1927, your Commission during the past Summer assigned a young man as assistant to the woman supervisor at the John M. Woods Playground. The results, in the judgment of the Director, were highly successful. The segregation of boys' activities from girls' resulted in greater activity among both the sexes and the aggregate attendance for the season at this playground was three times as great as that during the previous Summer. It is also interesting to note, in connection with the activities at this playground, that it is growing in popularity among the children. This has been the experience in every newly acquired or newly supervised playground throughout the history of the work under your Commission. The Director estimates that in another season this playground will be one of the busiest and best attended in the City, provided that the City supplies, through the departments having control of playgrounds and their equipment, a desirable surface, some equipment, some shelter and drinking water facilities.

At the Dilboy Field Playground, during seasons previous to 1927, activities for boys, but none for girls were conducted. At the Tufts College Campus, in the same general vicinity, a girls' unit had been conducted. Because the Tufts College land was unavailable in 1927, the girls' unit there was necessarily discontinued and no substitute unit was included in the pre-season provisions under the Commission. But as the Summer season progressed, the need of supervision for girls at Dilboy Field became apparent. Presumably, this condition was influenced by the withdrawal of the supervisor from the Tufts Campus unit. A young woman apprentice was assigned for the greater part of the 1927 Summer Season to assist the man supervisor at Dilboy Field. Results were such that the Director strongly recommends the assignment of a young woman assistant to this unit permanently.

During the Seasons of 1925 and 1926 attendance among girls and small boys at Foss Park Playground had been steadily increasing, and it was among the best attended playgrounds of the City. Basing its action on this condition and on the fact that a large section of the Park has recently been transformed into a playground, with the likelihood that there would be still greater increase of attendance. The Commission assigned a young woman apprentice to the girls' unit at Foss Park also.

Another line of activity along which application was made of the increased funds is the Saturday Morning Supervision of play. At the close of 1926 the Supervisory Corp for Saturday work included eighteen persons operating on seventeen units. But seven of these units had been added to the system, and eight of the workers had been added to the corps, during the period from October to December 1927, in accordance with the Commission's policy of extending this work over the City as funds became available. The continued operation of these additional units during the whole of 1927 (whereas they had been in operation only ten weeks during the latter part of 1926) considerably increased the 1927 cost of Saturday supervision. The locations of those units are given in the Director's report for 1926 under the caption "Saturday Play Units."

A still further increase of this cost results from the addition of two new units during November and December of 1927—one for boys at the Western Jr. High School grounds and one for girls at the Hodgkins School grounds. At the present time the Saturday corps includes twenty-one workers as compared with ten in the Spring of 1926.

Another item upon which a part of the 1927 increased appropriation was expended was the After-School Supervised Athletics. Whereas in 1926 two units for boys were under supervision for twenty weeks with three sessions per week, and no units for girls; during 1927 two units for girls were operated, as recommended by the Director in his report for 1926, and the number of boys units was increased to four. During the Spring Season the girls' units were operated two sessions per week, but in the Fall season three days a week, as in the case of the boys' units. The expansion here was, however, partly offset by the fact that, in order to remain within financial limitations, the season for this work was shortened, both in the Spring and in the Fall, during 1927, giving seventeen weeks of supervision as against twenty weeks during the previous year. (In this connection the Director originally recommended provision for full season during 1928. This provision will, of course, require additional funds).

Another of the items among which the increase of funds was distributed, as indicated above, is that of the Canning and Preserving work among girls. During the past year some changes in the manner of organizing the work, enrolling the girls, etc. were made, with a view to increasing the number enrolled and securing other advantages. These changes involved additional service by the supervisors engaged in the

organization work. For prizes in this same work there was a very small increase of expenditure over that of 1926. And finally, the purchase of equipment—utensils, etc.—this past season, called for an increase, resulting from the fact that very little had been expended for new utensils, etc. in the past three seasons—a circumstance which made replacements necessary in 1927.

The last of the items among which the increased funds were applied is that of transportation (trucking) of all playground apparatus belonging to the Commission, play materials, storage chests, etc. The increased cost this year results from

- (a) The increased amount of materials and apparatus used during the Summer Season (as explained in connection with the new activities, below).
- (b) The increased number of Saturday units among which transportation was made necessary.
- (c) The increased number of units in After-School Supervised Athletics.

New Features Among Activities

During the Summer Playgrounds Season certain new forms of activity were introduced. Most noteworthy are "Paddle Tennis" and checkers. To some degree they were also carried out on the Saturday Morning Playgrounds for younger children.

"Paddle Tennis" is an adaptation of tennis to our playground conditions. In substitution for the tennis racquet, an expensive instrument, this game uses a comparatively inexpensive wooden paddle. The ball, made of sponge rubber is also inexpensive as compared with the ball used in regulation tennis. The special surface required for tennis is not necessary in this game, so that it is playable on all our playgrounds whether the surface be of concrete, brick, gravel, sand or sod. The Court is one-fourth the size of a tennis court; and this feature makes the game possible on our playgrounds, even the smallest of them, without seriously crowding other activities. The paddles and uprights for nets were constructed without cost for labor at the Somerville Vocational School for boys.

The game is very spectacular and enjoyable. And the apparatus involved adds, when set up, to the attractiveness

of a playground. Quite aside from the actual playing of the game itself, it can be stated that the presence on the playgrounds of this activity and this equipment has been a factor in increasing attendance and interest in the playground activities in general.

Hundreds of children of both sexes participated with enthusiasm in this activity. Twenty-four tournaments on the various playgrounds and three interplayground tournaments were conducted. Some were for older children, some for younger, and some for those of intermediate ages. Trophies were awarded to boy champions and to girl champions on each playground; and silver cups to the interplayground winners, boys and girls.

These trophies were provided through funds donated by the Somerville Catholic Women's Club, and served to stimulate great interest, and indirectly to promote the general activity of the playgrounds.

For special supervision of this activity and the equipment involved, a special supervisor was employed. His duties included instruction in the art of the game, assisting local supervisors by pooling their experiences, organizing and supervising the interplayground and local tournaments, and overseeing the care of the equipment.

Checkers, especially during the extremely hot weather, was a successful experiment. Champions were selected among the boys and among the girls, one in each unit; and an inter-playground tournament with forty-four competitors was conducted at the Morse School Playground near the close of the season.

"Paddle Tennis" and checkers have been features of the Saturday work also; and "Paddle Tennis" has been an important activity among the older boys and girls in the after-school work in Supervised Athletics.

Tumbling is another activity successfully introduced during the past year both in the after-school program and in the Summer season program.

Expansion of Program

The expansions of the work during the year have been indicated above in the report of the distribution of the increase of funds, and in the report of new activities. They are here summarized.

SUMMER PLAYGROUNDS:—Man assistant to woman supervisor added at John M. Woods Playground. Apprentice (for leadership of girls and small boys) added to Dilboy Field.

SATURDAY "NEIGHBORHOOD PLAYGROUNDS:—Two units added, one for boys at Western Junior High School grounds and one for girls at Hodgkins School yard.

AFTER-SCHOOL SUPERVISED ATHLETICS:—Increase in number of boys' units from two to four. The new units at Glen St. and Western Playgrounds. Addition of two units for girls, at Foss Park and Western Playground.

Finances

A financial statement for the year is appended to this report. Explanation of the distribution of the \$1000 increase over the amount expended in 1926 has been given above.

Assistance from Non-Municipal Agencies

A noteworthy feature of the year's work has been the assistance rendered, in the work, by organizations of Somerville men and women. To summarize this feature, there is copied herewith a page from the printed program distributed to spectators at the "Twilight Play Circus" given during the closing week of the Summer Season at Central Hill Park as a public demonstration, by all the playgrounds, of this season's activities:—

THE BOYS AND GIRLS OF THE PLAYGROUNDS ARE GRATEFUL TO

The Rotary Club, for its gift of sportsmanship trophies for one team in each Playground Baseball League;

The Kiwanis Club, for supplying the sand for sand boxes;

The Somerville Playgrounds Association, for continued generosity;

Mt. Benedict Council, Knights of Columbus, for generously supplying trophies for the winning team in each Baseball league;

Somerville Federated Women's Church Societies, for supplying materials for Playground handwork;

Somerville Catholic Women's Club, for providing beautiful trophies for boys and girls in Paddle Tennis;

Mr. John Bowen, for adding to the comfort of children at the Play Circus;

The Many Merchants and Business Men of Somerville who have generously donated prizes throughout the season, who have courteously allowed us to use their windows for display of prizes and handwork, and who have kindly transported us to the Athletic Meet;

The Somerville Y. M. C. A., for use of gymnasium floor for demonstration of games;

All the Friends who have helped our summer play by kindly acts;

The City, for providing us with leaders and playground facilities.

Recommendations

Instead of listing in detail recommendations for improvement of recreation conditions and extension of program during the coming year, I call attention to the list of eighteen recommendations in the Director's Report for 1926, page 23, only one of which (No. 11) has been carried out in full since that time. Of these recommendations the greater number deal with fields of action over which the Commission has no jurisdiction, and therefore require action by the other departments which control recreation facilities.

These latter recommendations, and also those dealing with matters within the Commission's own jurisdiction, would require expenditure of money, of which the limited appropriation has prevented the Commission and these other departments from any considerable action in regard to these repeated recommendations.

In the same connection I call attention to a list of supplementary suggestions looking toward expansion of the plans to raise Municipal Recreation from its hitherto undefined level to the more definite and comprehensive plane to which it is destined if Somerville is to meet the problem presented by its large and congested population. These will be found in the Director's Report for 1926, page 25.

Respectfully submitted,

FRANCIS J. MAHONEY,

Director.

APPENDIX

General Financial Statement

\$10,995.03 were expended from the City Treasurer, for the operations here reported. The sum appropriated had been \$11,000.

Following is a general statement of financial expenditures:—

Equipment and Supplies	\$2,789 82
Teaming and trucks	167 23
Clerical Hire	25 39
Disbursements	125 16
Automobile Maintenance	190 00
Telephone	71 51
Music	85 30
Printing	134 56
All other	49 60
Salaries and Wages:	
Supervisors and Instructors	\$5,514 13
Laborers and General Helpers	281 89
Clerks	255 72
Director	1,304 17
	<hr/>
	7,355 91
Total	<hr/> \$10,995 03

SOMERVILLE WATER WORKS

SOMERVILLE, MIDDLESEX CO., MASSACHUSETTS

Settled, when part of Charlestown, 1630
(Home of Colonial Governor John Winthrop)
Incorporated a town, 1842
Established a city, 1872

Location: Somerville City Hall (near centre of the city) is $2\frac{3}{4}$ miles northerly from State House, in Boston.

Greatest extent of the City north and south about 4.2 miles.

Greatest extent of the City east and west about 2.1 miles.

Elevation Highland avenue at City Hall 105 feet above mean low water.

Lowest building elevation in the city 13 feet

Highest building elevation in the city 145 feet

Area of city, including land and water, about 4.22 square miles

Land, 2,461.50 acres; water and marsh 238.50 acres

Population, 1920 census, 93,033

Present Population, estimated 103,000

Entire population on line of pipe and supplied with water

Water works owned by City of Somerville

Construction commenced in 1868

Source of supply: Metropolitan system, taking water of the Nashua river at Clinton, Mass.

Range of pressure on street mains:

Low service 35 to 65 pounds

High service 45 to 100 pounds

Mayor

HON. LEON M. CONWELL

Water Commissioner

FRANK E. MERRILL

Office of the Water Department

City Hall, Highland Ave., corner School St.

Department Buildings and Yard

Cedar street, near Broadway

ADMINISTRATION OF WATER WORKS
VESTED AS FOLLOWS:

1868-1871

SOMERVILLE MYSTIC WATER COMMITTEE (5)

Acts 1868; Chap. 202

1872 — 1890

SOMERVILLE MYSTIC WATER BOARD (5)

Acts 1871; Chap. 182

1891 — 1897

SOMERVILLE MYSTIC WATER BOARD (3)

Acts 1890; Chap. 218

1898 — 1899

BOARD OF WATER COMMISSIONERS (3)

Acts 1898; Chap. 33

1900 —

WATER COMMISSIONER (1)

Acts 1899; Chap. 240

REPORT OF THE WATER COMMISSIONER

OFFICE OF THE WATER COMMISSIONER,

January, 1928.

To His Honor, the Mayor, and the Board of Aldermen:—

I present herewith my report for the year ending December 31, 1927, this being the fifty-third annual report of the water department and my twenty-seventh as water commissioner:

Revenue and Expenditures

Water bills have been issued as follows:—

"Additional" water charges, amounting to		\$1,397 84	
"Metered" water charges, amounting to		308,961 71	
			\$310,359 55
Adjustments			399 43
			\$309,960 12
Income from sale of water			
Receipts; water service assessments	\$9,558 24		
Receipts labor and materials sold:—			
Misc. accounts charged	6,256 47		
Adjustments	203 02	6,053 45	
Met. District Commission,			
Northern Artery	15,527 77		
Adjustments	8,688 46		
		6,839 31	
			22,451 00
			\$332,411 12
Total income of water works			
This amount was used as follows:—			
For water works purposes:—			

Under Control of the Water Commissioner

Water Works Maintenance	\$81,477 79	
Water Works Extension	30,051 92	
Miscellaneous accounts:		
Maintenance	\$22,451 00	
		\$133,980 71

Not Under Control of the Water Commissioner

Metropolitan water works assessment	\$164,205 30	
Maintenance water works buildings	1,567 12	
		\$165,772 42
Surplus		32,657 99
Total		\$332,411 12

In addition to the appropriations from water income to other municipal purposes enumerated above, water has been furnished without charge to all the city departments that have required its use and it is paid for out of the income from sale of water.

Department Receipts and Disbursements

WATER MAINTENANCE ACCOUNT

Appropriations made by Board of Aldermen		\$104,300 00
Department accounts; receipts		4,752 42
Water works extension account; receipts		19,259 68
Amount expended for labor and materials for operation, maintenance, and renewal of the water works	\$81,477 79	
Amount expended for materials used in extension of the water works	19,259 68	
Miscellaneous accounts	22,451 00	
Labor and materials furnished municipal departments	4,752 42	
Balance	371 21	
	<hr/>	<hr/>
	\$128,312 10	\$128,312 10

WATER WORKS EXTENSION ACCOUNT

Appropriations made by Board of Aldermen		\$44,000 00
Amount expended for labor and materials used in extension of the water works....	30,051 92	
Transferred to other accounts by Board of Aldermen	12,970 00	
Balance	978 08	
	<hr/>	<hr/>
	\$44,000 00	\$44,000 00

Cost of Water Works

The total cost of water works on December 31, 1926, as represented by the expenditures from appropriations for water works extension was	\$1,327,384 14
Expended during the year 1927, on extension account	30,051 92
	<hr/>
Total expenditures, December 31, 1927....	\$1,357,436 06

Water Works Income from 1898 and its Distribution

The water income and its distribution from 1898 to 1927, inclusive, is shown in the following table: —

Total water income	\$7,523,791 13
--------------------------	----------------

Distribution:—

Water Works Account

Water works Construction, Renewal, Maintenance, Operation and Miscellaneous Accounts	\$2,208,440 27	
Water bonds	274,000 00	
Interest	86,575 00	
Metropolitan Water Assessments	3,152,817 60	
Maintenance Water Works Buildings ...	20,735 85	
	<hr/>	\$5,742,568 72

Other Municipal Accounts

Various municipal departments through specific appropriations and general revenue account	\$1,781,222 41
	<hr/>
	\$7,523,791 13

Water Distribution System—Construction

STREET MAINS

Approximate number of feet of street mains in the city, January 1, 1927, (including hydrant branches and blow-offs)		574,532
Feet of street mains laid in 1927	4,180	
Feet of hydrant branches laid in 1927	97	
Feet of blow-off branches laid in 1927	56	
Feet of street sprinkler hydrant branches laid in 1927	7	
	<hr/>	
Total feet of pipe laid	4,340	
Feet of pipe removed or replaced	785	
	<hr/>	
Net increase in feet of pipe		3,555
Total approximate feet of pipe in the city		578,087
Total pipe mileage, approximately		109.48

The sizes and lengths laid and discontinued are as follows:

Size	Feet Laid	Feet Discontinued	Size	Feet Laid	Feet Discontinued
1"	5	0			
2"	0	416	10"	1,049	4
4"	23	286	12"	1,992	0
6"	1,064	79	16"	0	0
8"	207	0	20"	0	0

The pipes constructed and replaced during the year are as follows:—

	Size	Feet Laid	Feet Discon- tinued	Size
Aldrich Street	10"	286	286	4"
Blakeley Avenue	10"	267		
Crest Hill Road	8"	13		
Flint Street	10"	3		
Garfield Avenue	10"	5	5	6"
Garrison Avenue	10"	450		
Jerome Street	6"	136	136	2"
Holden Green	6"	290		
Hooker Avenue	12"	216		
Kensington Avenue	12"	699		
Lowell Street	10"	9		
Melville Road	8"	13		
Palmer Avenue	6"	84		
Putnam Road	10"	13		
Sanborn Court	10"	3	4	10"
Sanborn Court	6"	189	159	2"
Shore Drive	12"	1,064		
Snow Terrace	6"	121	121	2"
Temple Road	12"	13		
Ten Hills Road	10"	13		
Warwick Place	8"	181	67	6"
Washington Terrace	6"	112		
		4,180	778	
Hydrant Branches and Blow-offs....		153	7	
Street Sprinkler Hydrant		7		
		4,340	785	

Hydrants, Gates, etc.

Number of fire hydrants in city January 1, 1927	1,254
Number set during the year	26
Number removed during the year	13
Net increase in number of hydrants	13
Total number of public fire hydrants	1,267
Number of private fire hydrants, January 1, 1927	68
Number added:	
Boston & Maine R. R. yard	1
Total number of private fire hydrants receiving their supply from the city mains	

Number set on hydrant branches	44	
Number set on blow-off branches	2	
Number set on car-sprinkler hydrant branches	1	
	<hr/>	64
Number of street gates removed	3	
Number of section gates removed	0	
Number of waterpost gates removed	0	
Number of hydrant branch gates removed	0	
	<hr/>	3
Net increase in number of gates		61
Total number of gates in city		2,294
Number of check-valves in city January 1, 1927	9	
Number added during the year	0	
	<hr/>	
Total number of check-valves		9
Number of blow-offs in city January 1, 1927	195	
Number added during the year	2	
Total number of blow-offs	<hr/>	197
Number of waterposts in city January 1, 1927	61	
Number removed during the year	0	
	<hr/>	
Total number of waterposts		61
Number of drinking fountains in city Jan. 1, 1927	7	
Number removed during the year	0	
Number now in the city		7
Number of car-sprinkler connections Janu- ary 1, 1927	15	
Number removed during year (1926)	1	
Number set during year (1927)	1	
	<hr/>	
Number now in city		15
Number of gates in city, January 1, 1927		2,233
Number set during the year for streets	11	
Number of section gates set	6	

Water Service Connections

The number of services actually in use in the city on January 1, 1927 was		13,732
The number of new service connections brought into use during the year was....	180	
The number of old service connections re- stored to use	202	
	<hr/>	382
The number of service connections shut off during the year for permanent or tem- porary non-use of water was	257	
	<hr/>	
Increase in number of services in actual use		125

The total number of services in use on December 31, 1927, was approximately	13,857
These services, under state law, are all required to be metered.	
In addition to the above there are fire supplies for private sprinkler systems, which are not at present required to be metered, to the number of	81
There are also services supplying public properties, not required to be metered, to the number of	151
The number of new service connections installed during the year was 148 but not all of these are yet in use, or "alive."	
The number of feet of pipe laid in making these connections was 5,061.	

Size, number and length of services installed in 1927:—

3/4".....	118.....	3,796'
1 ".....	9.....	282'
1 1/2".....	3.....	133'
2 ".....	5.....	157'
4 ".....	2.....	119'
6 ".....	4.....	449'
8 ".....	2.....	125'
	<hr/>	<hr/>
	148	5,061
Number of fire supplies installed during 1927 (Included in above)	10	
Location of Fire Supplies	No.	Size
88 Wheatland St., Tuners Supply Co., Factory	1	6"
Middlesex Ave., First National Stores, Inc., Warehouse	1	8"
172 Medford St., Morris Bornstein, Public Garage & Stores	1	6"
Warwick Pl., Agar Mfg. Co., Factory	1	6"
53-57 Holland St., Hub Confectionery Co., Candy Factory	1	6"
48-50 Wash. St., N. E. Vinegar Wks., Factory	1	6"
West St., Boston Burial Case Co., Factory	1	6"
Skilton Ave., Edwin F. Kemp, Factory	1	6"
259 Lowell St., F. Leroy Fox, Inc., Bakery	1	6"
51 Allen St., White & Leahy, Factory	1	6"
Service pipes to school buildings have been replaced with 6" supplies for fire sprinkler installations to the number of		12
The number of fire pipes laid to public buildings for sprinkler installations, as shown in following table, is		17

Fire Services in Public Buildings

	No.	Size	Installed
Atherton Street, Carr School	1	6"	1927
Boston Street, Pope School	1	6"	1927
Broadway, Lincoln School	1	6"	1927

Cherry Street, Burns School	1	6"	1916
Concord Square, Knapp School	1	6"	1927
Craigie Street, Morse School	1	6"	1927
Cross Street, Edgerly School	1	6"	1927
Grove Street, Highland School	1	6"	1927
Highland Avenue, Central High School.....	1	8"	1916
*Holland Street, Western Junior High School	1	6"	1916
Lowell Street, Bingham School	1	6"	1927
Maple Street, Bennett School	1	6"	1927
*Marshall Street, Northeastern Junior High School	1	6"	1923
Myrtle Street, Prescott School	1	6"	1927
Powder House Blvd., Cutler School	1	6"	1927
School Street, Cummings School	1	6"	1916
Sycamore Street, Forster School	1	6"	1927
Total	17		

* No sprinklers installed.

Number of Services Supplying Public Property

City Hall	1
Police Station, Bow Street	1
Bath House, Shore Drive	1
City Home, Broadway, 3 (1 shut off)	2
Contagious Hospital	1
Tuberculosis Hospital	1
Water Works	1
Incinerator	1
City Stables, City Road	1
Garbage Plant	1
Sewerage Yard	1
Public Libraries	4
Fire Stations	7
Schools	28
Public Grounds	17
Water Posts	61
Street Sprinklers	15
Drinking Fountains	7
	<hr/> 151

Water Meters

Number of water meters in city, January 1, 1927		13,732
Number installed during the year, new	180	
Number reset	202	
	<hr/> 382	
Number removed on account of permanent or temporary discontinuance of water and for substitution of other meters	257	
Net increase in number of operating meters		125
Number of motor registers (included in above)	1	
Total number of meters in service		<hr/> 13,857
Per cent. of services metered		100

Operating Meters December 31, 1927

Size	5/8"	3/4"	1"	1 1/2"	2"	3"	4"	6"	Total
No.	13,350	297	112	24	43	20	7	3	13,856
Motor and elevator registers									1
									<hr/> 13,857

The meters installed in 1927 were classed as follows:—

New services	180
Reset	202
Total	<hr/> 382

Meters were removed for the following causes:—

Vacancies and temporary non-use of water	124
Services permanently discontinued (1 motor register)	34
Replaced by other meters	99
Total	<hr/> 257

The annual report of 1926 shows the progress of metering services from its beginning in 1898 to December 31, 1926, when the city reached the point of 100 % meterage. Subsequent data follows:

Year Ending December 31	Population	Number Services Required by Law to be Metered	Per Cent Metered	Daily Per-Capita Consumption of Water
1927	103,000	13,857	100	78

Summary of Pipes and Fixtures of the Water System
December 31, 1927

Feet of main pipe (approximately)	578,087
Services in use (approximately)	13,857
Services supplying public property	151
Private fire supplies (sprinkler systems)	81
Fire supplies to public buildings	17
Sprinkler systems installed in public buildings	15
Public fire hydrants	1,267
Private fire hydrants	69
Gates	2,294
Check Valves	9
Meters	13,857
Motor registers	1
Waterposts	61
Car-sprinkler connections	15
Blow-offs	197
Drinking fountains and troughs	7
	<hr/>

WATER ASSESSMENTS AND CONSUMPTION

The assessment paid to the Commonwealth by this city as its proportionate part of the cost and operation of the Metropolitan Water Works for the year 1927 was as follows:—

Sinking Fund	\$8,918 60
Maintenance	47,719 86
Interest	82,373 49
Maturing Bonds	5,916 41
Brookline Credit	5,129 61
Improvements, etc.	14,147 93
Total payment for 1927	\$164,205 33

The amount paid by this city since the beginning in 1898 is as follows:—

Sinking Fund	\$449,788 58
Maintenance	702,533 46
Interest	1,847,068 15
Maturing Bonds	41,061 95
Miscellaneous	112,365 46
Total payments to date	\$3,152,817 60

There has been credited to the city by the Commonwealth as its proportion of the amounts received from entrance fees, water supplied outside the district and water furnished to water companies, the sum of \$9,056.10.

The daily consumption of water in Somerville, as recorded by the Venturi meters, operated by the Metropolitan water works, is shown below by months for the year 1926:—

Month	Gallons per day	Gallons per capita	Month	Gallons per day	Gallons per capita
January	8,197,400	81	July	8,063,600	79
February	8,144,600	81	August	8,043,900	79
March	7,925,500	78	September	8,135,600	80
April	8,007,800	79	October	7,905,200	78
May	7,986,400	79	November	7,385,800	72
June	8,088,600	80	December	7,481,800	73

The consumption for the year was:—

Low-service	2,267,546,000 gallons
High-service system	632,755,000 gallons
Total consumption	2,900,301,000 gallons
Average daily consumption	7,946,000 gallons
Average daily consumption, per capita, for Somerville	78 gallons
Average daily consumption per capita, for Metropolitan district	99 gallons

The following table shows the daily per capita consumption of water in the cities and towns in the Metropolitan Water District for the year 1927, as registered by the Metropolitan meters.

City or Town	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year
Arlington	53	52	53	57	57	67	62	53	58	58	56	56	57
Belmont	51	50	53	59	56	64	59	55	60	58	55	56	56
Boston	124	119	114	112	111	115	116	116	118	118	116	118	116
Chelsea	75	74	72	68	65	68	72	70	74	72	71	72	71
Everett	134	130	117	115	114	116	113	109	112	106	108	106	115
Lexington	53	53	56	61	60	73	71	67	72	71	67	68	64
Malden	61	61	62	62	65	68	66	68	69	70	64	62	65
Medford	53	55	55	55	54	61	56	56	60	60	59	57	57
Melrose	72	64	63	67	62	65	59	58	63	68	65	64	64
Milton	49	48	47	52	53	56	51	45	49	53	54	52	51
Nahant	58	55	57	67	77	141	195	178	150	98	68	59	100
Quincy	75	78	75	75	73	80	80	81	81	80	78	78	78
Revere	66	63	62	60	66	72	78	78	73	68	63	66	68
Somerville	81	81	78	79	79	80	79	79	80	78	72	73	78
Stoneham	57	56	60	58	50	50	49	49	49	50	50	53	52
Swampscott	59	58	58	66	74	104	99	97	90	67	61	63	75
Watertown	87	83	81	79	83	93	85	78	83	84	86	81	84
Winthrop	61	61	65	63	61	70	78	80	71	63	58	57	66
Met. Dist.	104	100	96	95	95	99	99	99	100	100	97	99	99

The district, in order of per capita consumption, beginning with the lowest, stands as follows for the year 1926:

	Total Per Day	Per Capita Per Day	Services Metered*
Milton	703,400	51	100
Stoneham	498,000	52	100
Belmont	938,000	56	100
Arlington	1,528,000	57	100
Medford	2,877,700	57	100
Lexington	529,800	64	99.66
Melrose	1,342,500	64	100
Malden	3,419,000	65	99.64
Winthrop	1,110,700	66	100
Revere	2,377,300	68	86.66
Chelsea	3,441,400	71	99.91
Swampscott	688,300	75	100
Quincy	5,001,000	78	93.65
Somerville	7,946,000	78	100
Watertown	2,256,700	84	100
Nahant	170,600	100	80.47
Everett	4,909,300	115	94.27
Boston	92,751,500	116	96.96
Total District	132,489,200	99	97.57

*Metropolitan District Commission Report for 1926.

OPERATION OF THE WATER WORKS

Northern Artery

The changes in our water system caused by the construction of the Northern Artery have now been completed and the State has approved and paid bills for same to the extent of \$6,839.31.

Water Income

The water income continues to show a considerable annual increase notwithstanding everything is now on a low metered rate. The income from sale of water in 1927 reached a figure of nearly \$310,000.00, while the total income from the operation of the water works was over \$332,000.00, as shown more in detail on page 5, and is the largest we have ever reached.

Metropolitan Assessment

The State Annual Water Works Assessments continue to grow also, and it is interesting to note that since the Metropolitan water was first turned into Somerville we have paid to the State over \$3,000,000. as our proportionate part of the cost of the works.

Extension of Water Mains

About 1100 feet of new mains were laid in the Ten Hills Farms District and about 1200 feet were installed in other sections of East Somerville. Work was started in the new development on Clarendon Hill at Garrison and Farragut Avenues and about 1,000 feet of pipe have already been laid.

A new development near Washington Street between Beacon Street and the Cambridge city line has been started under the control of the Harvard Housing Trust. This tract has been named Holden Green and water mains have been installed to supply all the buildings which will be erected in this plot in Somerville.

Control valves and fire hydrants have been installed on all the new work as it has progressed. A net increase of 13 fire hydrants and 61 gate valves has been made this year.

Maintenance and Reconstruction

The outstanding single job of the season was the renewal of practically all the water service pipes in Highland Avenue for a distance of nearly two miles, in anticipation of a new pavement to be laid down. The service pipes were very old and in such bad condition that they had given us much trouble for a considerable period. The job was a costly one but necessary to be done and it was handled in such a manner that at no time was traffic inconvenienced or other reconstruction work held up.

New Services

About the same number of services (125) were installed as in the previous year. Ten new private fire supplies for sprinkler systems were laid and 12 were installed for the protection of as many school houses; a list of the same is given on an earlier page of this report.

Water Meters

Meter installation dropped off largely on account of the city having reached 100% meterage the previous year. 382 meters were installed but the net increase in operating meters is only 125, these being mostly on new buildings.

Water Consumption

About 3,000,000,000 gallons of water were used in the city in 1927, being an average daily consumption of nearly 8,000,000 gallons and a daily per capita use of 78 gallons, the same as in the previous year. This shows a favorable comparison with the Metropolitan District as a whole, which consumed 99 gallons per capita.

Distribution and Finance

The distribution system of the Water Works is regarded as in excellent condition, and the year closes with surplus water income of \$32,657.99, no water debt, and all current bills paid.

In Conclusion

Acknowledging the generous support extended to me by the mayor, aldermen, department heads, and all employees, this report is respectfully submitted.

FRANK E. MERRILL,

Water Commissioner.

SUMMARY OF STATISTICS

FOR THE YEAR ENDING DECEMBER 31, 1927

In form recommended by the New England Water Works Association.

SOMERVILLE WATER WORKS

SOMERVILLE, MIDDLESEX COUNTY, MASS.

General Statistics

Population, census 1920, 93,033; present, estimated 103,000.

Date of construction: Commenced in 1868.

By whom owned: City of Somerville.

Source of supply: Metropolitan water system.

Mode of supply: Water is delivered into the city's mains, under both high and low pressure, by the Metropolitan Water Works.

Statistics of Consumption of Water

Census population, 1920, 93,033.

Population on lines of pipe, Dec. 31, 1927, 103,000.

Population supplied, Dec. 31, 1927, 103,000.

Total consumption for the year, 2,900,301,000 gallons.

Average daily consumption, 7,946,000 gallons.

Gallons per day to each inhabitant, 78.

Statistics Relating to Distributing System, 1927

MAINS

Kind of pipe, cast iron.

Sizes, from 4-inch and under to 20-inch.

Laid 7,340 feet; discontinued 785 feet; net extension, 3,555 feet.

Total now in use, 109.48 miles.

Number of hydrants added during year (public, 13, private, 1) 14.

Number of hydrants (public and private) now in use, 1,336.

Number of stop gates added during year, 61.

Number of stop gates now in use, 2,294.

Number of blow-offs, 197.

Range of pressure on mains, 35 pounds to 100 pounds.

SERVICES

Kind of pipe: Lead; lead-lined wrought iron; cement-lined wrought iron; cast iron.

Sizes, one-half to eight inches.

Laid 5,061 feet.

Number of service connections made, 148.

Services in use, approximately, 13,857.

Number of fire supplies (sprinkler systems), 81.

Number of meters added, 382; meters and motor registers discontinued, 257; net increase, 125.

Number now in use, 13,857.

Percentage of services metered, 100.

Percentage of water receipts from metered service, 98.3.

Number of motors and elevator registers added, 0; removed, 0.

Number now in use, 1 (included in number of meters.)

REVENUE

From Water Rates:—
 Temporary supplies for
 builders and contrac-
 tors \$1,395 34
 Meter rates 308,564 78
 Total from consumers
 From other sources:—
 Water service assessments
 Labor and materials:
 From private parties
 From Commonwealth of
 Massachusetts on ac-
 count Northern Ar-
 tery

Total \$32,411 12

Disposition of balance: applied to municipal purposes.
 Cost of works to date \$1,357,436 06
 Bonded debt at date None

EXPENDITURES

Water Works Maintenance:—
 Operation (Management,
 repairs and renewals) \$81,477 79
 Special:—
 Miscellaneous accounts
 (including Highland
 Ave. relaying service
 pipes) \$22,451 00
 Total \$103,928 79
 Water Works Buildings 1,567 12
 Water works Construction:—
 Mains 17,100 88
 Services 8,631 30
 Meters 4,319 74
 Total construction 30,051 92
 Metropolitan water assessment 164,205 30
 Balance 32,657 99
 Total \$332,411 12

REPORT OF THE CITY ENGINEER

OFFICE OF THE CITY ENGINEER

CITY HALL, SOMERVILLE, JANUARY 28, 1928.

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen:—The undersigned presents herewith the 55th annual report, for the year ending December 31, 1927, of the Engineering Department, including sewer, park and playground divisions.

ENGINEERING DEPARTMENT

In previous reports the general work, charter requirements and city ordinances relating to the duties of the City Engineer have been fully described. City Engineer is also Supt. of Sewers and Supt. of Parks and Grounds.

Divisions	Appropriations	Transfers	Expenditures	Balances
City Engineer	\$15,820 00	.....	\$15,723 74	\$ 96 26
Sewers Maintenance..	25,860 00	\$ 82 11	25,923 87	18 24
Sewers Construction ..	38,442 46	370 11	32,039 13	6,773 44
Parks Maintenance	13,900 00	.....	13,012 75	887 25
Playgrounds Maint.	9,600 00	53 73	*9,298 21	355 52
Playground, Foss Park	1,322 24	.....	821 66	500 58
John M. Woods Play- ground	500 00	.....	.....	500 00
Additional Land Play- ground, Glen Street	9,800 00	.....	3 45	9,796 55

* \$1610 Transferred to Sewers Maintenance Account.

(Expenditures in the various divisions are shown in detail in the City Auditor's annual report.)

CITY ENGINEER DIVISION, CLASSIFICATION OF EXPENDITURES, 1927

Sewers and Storm Drains,—comprising surveys, estimates, profiles, lines, grades, titles, plans, assessments, all engineering work relating to same and supervision	\$2,700 72
Highways,—comprising plans, estimates, titles, profiles, lines and grades, inspection of paving and all other engineering work relating to the department	1,649 82
Sidewalks,—comprising profiles, lines, grades, measurements, inspection, titles, costs and assessments	312 62
Water Works,—comprising lines, grades, locations of mains, gates, hydrants, services for buildings, and other matters relating to the department	61 06
Parks and Playgrounds,—comprising surveys, plans, estimates, profiles, and grades, including laying out of parks, playgrounds, boulevard and supervision	-
Public Buildings,—comprising surveys, estimates, lines and grades, and other work relating to construction and laying out of grounds	93 53
Street Numbering,—comprising locations of buildings, plans, assigning street numbers, etc.	34 83
Street Lines and Grades,—comprising establishing of lines, grades, and miscellaneous data given parties for building and grading	1,059 94
Subway, Bridges and Grade Crossings,—comprising surveys, plans, profiles, estimates, lines and grades, etc.	7 33
City Survey,—comprising establishing of street lines, acceptance plans, and miscellaneous survey work for city map, etc.	22 00
Middlesex Registry and Land Court,—comprising copying of plans, and abstracts from deeds and examination of titles filed at East Cambridge, also tracing of street acceptance and sewer taking plans, filed for record	438 55
Private Corporations, Railway, Telephone, Electric Light and Gas Light Companies,—comprising grades, plans, profiles and office notes, locations of poles and conduits	115 58
Setting Stone Bounds and Brass Rods,—defining street lines and city boundary lines	136 86
Office Work,—comprising record of all locations, indexing, typewriting, bookkeeping, calculations, reports and general draughting .....	.....
Miscellaneous Work,—comprising designs, sketches, etc., relating to various schemes for committees	2,156 31
Assessors' Map,—compiling information on large map in interest of assessors	4 03
Holidays, Vacations and Sickness	110 01
Engineering,—General departmental expenses (all divisions) comprising City Engineer's salary, automobile maintenance, telephone, car fares, and supplies	688 55
	6,131 35
Total	\$15,723 74

The total cost of maintaining the Engineer's Division since it was established, 1872-1927, both years inclusive, has amounted to \$509,646.30.

Five assistants have been employed the greater part of the year, on engineering work.

A number of plans have been made during the year for street acceptance and three streets were accepted as public highways under the betterment act; and there are plans for acceptance of fourteen private streets on file in this office, that for various reasons have not been made public ways.

Surveys, calculations, estimates and plans have been made for taking land, buildings and private property for various purposes in certain sections of the city.

Some of the main thoroughfares should be renumbered their entire length to eliminate half numbers and letters now being used, also certain streets, continuing in bordering cities where numbers conflict.

The Northern Traffic Artery, a combination of boulevard and traffic road extending across the easterly end of the city, has been completed during the year by the State Metropolitan District Commission. Land and buildings were taken, for widening Somerville Avenue on the northerly side from the East Cambridge line to Medford Street, on the easterly side of Medford Street to Chester Avenue (opposite Greenville Street) thence by a bridge over the B. & M. R. R. tracks and across private lands to Broadway at Fellsway East, which was widened on the easterly side to Mystic Avenue and continuing to Middlesex Avenue by widening Winthrop Avenue on the easterly side, a length of 9,250 feet ($1\frac{3}{4}$ miles) in Somerville and varying in width from 60 feet to 140 feet—portions of Aldrich, Dana and Edmands Streets were taken and Flint Street dead-ended.

Betterment assessments have been levied, by the state, on adjacent property owners.

In conjunction with this new thoroughfare, the city should immediately widen the street in front of the Central Fire Station at the junction of Medford Street and Highland Avenue—a much needed improvement.

The recent development of the Boston and Maine Railroad property at the junction of Mystic and Middlesex Avenues requires the widening and acceptance of North Union Street as a public way and the immediate paving of this street.

STREETS ACCEPTED AS PUBLIC HIGHWAYS IN 1927, UNDER THE BETTERMENT ACT

Name of Street	Ward	From	To	Width in ft.	Length in ft.	Date of Acceptance
Earle .....	.....2	South Street	Northerly	30	332	July 15, 1927
Kensington Avenue .....	.....4	Mystic Avenue	Middlesex Ave.	40	420	Dec. 23, 1927
Shore Drive .....	.....4	Mystic Avenue	Fellsway	50	2,081	Sept. 9, 1927
Total .....	.....	(0.536 mile)	.....		<u>2,833</u>	

LENGTH OF STREETS

	Miles
*Public	89.338
Private	12.830
Total length of streets	102.168

*Includes 1.406 Miles City Boulevard and Park Roadways.
 2.331 Miles State Boulevard.
 0.72 Miles State Highway.

In the 1910 report, tables were published showing old names of certain streets as formerly known, and names of public Squares in the city; the names of some of these Squares have been changed recently, and new Squares added.

LENGTHS OF PUBLIC STREETS IN EACH WARD

	Miles
Ward one	13.883
Ward two	14.718
Ward three	10.674
Ward four	13.823
Ward five	11.486
Ward six	11.874
Ward seven	12.880
Total length of public street in the city	89.338

There are at the present time 665 street boundaries consisting of stone bounds and brass rods set in cement for defining street lines, and the number should be increased each year; definite boundaries do much to simplify surveying and are convenient to use for bench marks. Previous reports give locations of existing bounds.

STREETS CONSTRUCTED UNDER BETTERMENT ACT

Type of construction Granite Edgestone, Concrete Gutters and Roadway of broken stone base and asphaltic mixed top—"Simasco" (Simpson Bros. Corp. patent.)

	Width of roadway	Length in feet
*Douglas Avenue	20.0	162.0
*Edgar Avenue	33.3	850.0
*Highland Road	50.0	107.0

Warwick Street	25.0	313.0
Shore Drive (under construction)		

Total (.271 mile)	1,432.0
-------------------------	---------

* Asphaltic Penetration.

Average cost \$14.28 per linear foot.

Assessments have been levied on abutting property owners for approximately one-half of the cost of constructing these streets.

STREETS PAVED WITH GRANITE BLOCKS

New blocks and old blocks (re-cut) have been laid on a concrete base with Portland cement grout in

	Sq. Yds.	Length
Beacon Street (North side) Buckingham St. to Washington Street (Recut)	1,827.0	1,120.0 ft.
Mystic Avenue—Connecticut Ave. to Austin St. (New)	4,524.0	1,097.0
Total .....(0.419 Mile).....	6,351.0	2,217.0 ft.

STREET SURFACED WITH WARRENITE (Warren Bros. Patent)

Laid on old concrete base

	Square Yards	Length
Highland Avenue	30,320	8,874 ft.
Prospect Street (Cambridge Line to Webster Ave.)	3,896	1,020
Total .....(1.874 Miles).....	34,216	9,894 ft.

The total length of permanent paved streets in the city amounts to 18.851 miles.

Permanent street pavement should be extended as rapidly as possible, using old granite blocks, re-cut and laid on a concrete base—the most economical pavement for this city.

Grades were given and measurements taken for the reconstruction of eight streets with a bituminous wearing surface, a length of 5,592 feet.

In constructing the new bituminous streets and granolithic sidewalks, 3,611 feet (0.683 mile) of new edgestone were set.

TABLE OF STREET CONSTRUCTION

	Square Yards	Miles
* **Streets paved with granite blocks	224,292	9.349
Streets paved with vitrified brick	20,958	1.290
Streets constructed with concrete base and asphaltic mixed top	70,168	3.513
Streets constructed with concrete base and bituminous penetrated top	40,513	2.613
†Streets constructed with broken stone base and asphaltic mixed top	42,512	2.067
‡Streets constructed with broken stone base and bituminous penetrated top		50.423
Streets constructed of water bound ma- cadam		18.722
Streets graveled or unimproved		14.385
Total		102.168

*Also 30.78 miles (single track) electric railway paved with granite, asphalt, bitulithic, etc.

**Includes 6,149 sq. yds. concrete roadway Middlesex Ave.

†Includes 0.72 mile of state highway.

‡Includes 1.406 miles of city boulevard and park roadways and 2.331 miles of state boulevard (Metropolitan District Commission, Park Division.)

There are a number of intersecting thoroughfares, where the corners should be cut back and the roadway widened for the safety of traffic and improvement in appearance.

Lines and grades were given and measurements taken for constructing twenty-two new granolithic sidewalks—4,110 square yards (1.089 miles) and assessments were computed, the abutting property owners paying one-half of the cost on nineteen sidewalks, the remainder the entire cost.

In laying out new work, under orders passed for construction of sidewalks, etc., occasionally portions of buildings and fences are found to be encroaching on the sidewalk and on some of the old rangeways these encroachments have existed for many years; as improvements are made, the full width of sidewalk should be maintained.

In many places the old brick sidewalks should be replaced with granolithic.

MILES OF EDGESTONE, GRANOLITHIC, GRAVEL AND BRICK SIDEWALKS IN EACH WARD

	Edgestone	Gravel Sidewalk	Brick Sidewalk	Granolithic Sidewalk
Ward one	20.528	2.958	11.797	5.712
Ward two	17.646	5.673	6.331	4.674
Ward three	14.325	0.760	11.527	2.114
Ward four	17.916	0.681	9.461	5.099
Ward five	23.070	3.796	11.049	6.764
Ward six	25.662	3.370	10.452	12.223
Ward seven	37.268	0.070	8.157	25.418
	<hr/> 156.415	<hr/> 17.308	<hr/> 68.774	<hr/> 62.004

(Details, etc., streets and sidewalks in report of Street Commissioner.)

Plans have been made by the various public service corporations and filed in the City Engineer's office, showing the locations of gas mains, poles, tracks and conduits in this city, which have been granted by the board of aldermen during the year;—the work of placing overhead wires in underground conduits, and removing poles from the streets should be extended as rapidly as possible.

In the City's squares overhead wires should be placed underground immediately and practically all poles (except for lights) removed—on the main thoroughfares many of the existing poles should be eliminated, at the present time, being unnecessary.

A special ordinance should be enacted concerning city inspection on all underground work done by private companies or corporations and regulation as to method of street openings.

UNDERGROUND CONDUITS

(Public Service Corporations)

	Miles laid in City Streets
Boston Elevated Electric R. R.	5.55
Edison Electric Light Co.	20.17
New England Telephone and Telegraph Co.	19.56
Cambridge Gas Co.	67.35
Charlestown Gas Co.	31.94
also	
City Fire Alarm wires (located in ducts constructed by Corporations)	
Total	<hr/> 144.57

All locations for sub-surface construction are assigned by this department.

Lines and grades have been given for laying new city water mains. Many gates, hydrants, water posts and blow-offs have been located and recorded. A new survey of the entire distribution system should be made and the maps and office records compiled. (Length of water mains, details, etc., in report of Water Commissioner.)

All plans of estates in Somerville recorded at the Registry of Deeds, East Cambridge, including land court plans, have been copied, also titles examined, abstracts from deeds made for the purpose of assessments, and the proportional part of the cost of new work computed, and schedules of assessments made out showing the property owners.

A set of block plans should be made covering the entire city area, from accurate surveys made during the past forty years, and carefully compared section by section with the deed dimensions and areas recorded in the assessors' department, and in this manner the correct areas of land determined. This set of plans would show the area and dimensions of each lot, all houses and other buildings, sewers, catch basins, house drains, water services, gas mains, underground conduits for wires, street lights, street railway tracks, etc., and be of great value to many city departments. A separate appropriation should be made for completing these plans.

Total number of plans on file in the office approximately nine thousand, five hundred.

For the immediate improvement of conditions in this city the highway bridges and approaches over the steam railroads should be rebuilt the full width of the street at Broadway, (North Somerville) Prospect Street and Washington Street, near Union Square; and the dangerous railroad grade crossing at Park Street should be abolished, as decreed by the courts a number of years ago. The steam railroad bridge over Washington Street has been reconstructed and widened with increased head-room for street traffic, and an automatic pump installed for removing storm water.

A compiled table of areas showing a sub-division of city's acreage was published in the 1925 report.

I respectfully refer to recommendations and suggestions made in reports of the City Engineer for a number of years past, which are for the improvement of conditions in this city.

SEWER DIVISION

The designing and construction of sewers, storm drains, catch basins, house drains, etc.,—maintenance of the drainage system and other items in this division are under the direction and control of the City Engineer.

A number of sewers were petitioned for and constructed during the year in newly laid out streets; and at the time of construction, storm drain mains were laid in the same location.

CONSTRUCTION ACCOUNT, STATEMENT OF EXPENDITURES 1927

Labor (city dept.)	\$2,165 94	
Labor (contract)	21,171 05	
Teaming and trucking (city and contract)	1,302 76	
Materials and supplies, etc.	7,399 38	
	<hr/>	
Expenditure	\$32,039 13	
Materials (1926)	1,121 33	
	<hr/>	
Total		\$33,160 46

CLASSIFICATION OF EXPENDITURES

Constructing sewers (separate system)	\$10,900 38	
Constructing sewers (combined system)		
Constructing storm drains	16,671 76	
Constructing catch basins and manholes on old sewers (includes \$825.19 other depts. and div.)	3,431 90	
Final payments 1926; payment made 1927	1,402 72	
	<hr/>	
Cost of new work	\$32,406 76	
Materials on hand	753 70	
	<hr/>	
Total		\$33,160 46
Balance		6,773 44

CREDIT

Appropriation	\$35,600 00
Balance unexpended (1926)	2,842 46

TABULAR STATEMENT OF SEWERS AND STORM DRAINS BUILT IN 1927

LOCATION					ITEMS OF CONSTRUCTION AND COST																				
Street	From	To	Contractor	Material Excavated	Average Cut	SEWER		SUB-DRAIN		ROCK EXCAVATION		MANHOLES		Number of Inlets	COST PER LINEAR FOOT							Total Cost	Assessment	Cost to City	
						Size in inches	Length in feet	Size in inches	Length in feet	Cubic yards	Price per yard	Number	Average Cost		Excavation Pipe Laying and Rebuilding	Pipe, Cement, etc. including Sub-Drain	Engineering Inspection	Lumber	Average Cost per Linear Foot						
Boston and Maine R. R. Southern Div. Storm Drain	Gilman Square	West of Central Street	T. F. Stuart & Co. for Boston & Maine R. R.	Sand and Clay	8.0	48"x62" Concrete Pipe 51" Segment Block Pipe	2163.3																		
Crest Hill Road Sewer	Shore Drive	Near Ten Hills Road	City—Day Labor and Property Owner	Gravelly Hard Pan	2.9	8" Akron Pipe	206.0					1 Combination	\$103.27	14	*	\$0.32	\$0.035		*	\$253.16	\$253.16				
Crest Hill Road Storm Drain	Shore Drive	Near Ten Hills Road	City—Day Labor	Gravelly Hard Pan	2.9	8" Akron Pipe	198.6					See Sewer	See Sewer	12	*	0.31	0.035			201.96		\$201.96			
Edgar Avenue Storm Drain	N. E. of Meacham Street	Heath Street	Denis I. Crimmins Day Labor	Gravelly Hard Pan	4.5	10" Akron Pipe	678.0							5	1.67	0.34	0.014		\$1.67	1,134.91		1,134.91			
Endicott Avenue Sewer	Hooker Avenue	198' Northeastly	Denis I. Crimmins for Property Owners	Gravelly Hard Pan	7.8	8" Akron Pipe	198.0							9	**	**	0.031		**	6.19		6.19		6.19	
Endicott Avenue Storm Drain	Hooker Avenue	198' Northeastly	Denis I. Crimmins	Gravelly Hard Pan	6.8	8" Akron Pipe	198.0								1.17	0.66	0.031		1.981	392.42		392.42		392.42	
Gilman Square Storm Drain	Medford St. Storm Drain	Side Line of Gilman Sq.	Denis I. Crimmins Day Labor	Sand	12.0	48" Brick	80.0	6"	80.0						30.92	0.50		\$3.65	40.33	3,226.33		3,226.33		3,226.33	
Highland Road Storm Drain	Boston and Maine R. R.	Morrison Avenue	Denis I. Crimmins Day Labor	Clay Quicksand	13.32	24" Akron Pipe	144.0					1	118.00 112.30	16	14.81 **	1.74 **	0.660 0.031	0.84	19.25 **	2,772.69 22.19		2,772.69 22.19		2,772.69 22.19	
Hooker Avenue Sewer	125' West of Garrison Av.	120' East of Endicott Av.	Denis I. Crimmins for Property Owners	Hard Pan	7.40	8" Akron Pipe	715.9					4 Combination	½ Cost Paid by City		Replacing 355'-12" Sewer Abandoned in Woodstock St. Ex.										
Hooker Avenue Storm Drain	125' West of Garrison Av.	120' East of Endicott Av.	Denis I. Crimmins	Hard Pan	5.40	15" 12" Akron Pipe 8"	715.9					See Sewer	See Sewer		1.17	0.66	0.031		1.981	1,419.00		1,419.00		1,419.00	
Kensington Avenue Sewer	Mystic Avenue	Middlesex Avenue	Denis I. Crimmins Day Labor	Filling and Peat	11.44	8" Akron Pipe	440.0	6"	302.4			1 Combination	149.56	25	6.155	0.50	0.62	0.028	0.51	7.730	2,954.45	1,600.00	1,354.45		
Kensington Avenue Storm Drain	Mystic Avenue	Middlesex Avenue	Denis I. Crimmins Day Labor	Filling and Peat	8.44	10" Akron Pipe	440.0					See Sewer	See Sewer	1	3.06	0.37	0.028	0.25	4.860	1,470.21		1,470.21		1,470.21	
Melville Road Sewer	Shore Drive	Near Ten Hills Road	City—Day Labor and Property Owners	Gravelly Hard Pan	5.30	8" Akron Pipe	230.8					1 Combination	104.96	16	*	0.31	0.063		*	262.00	262.00				
Melville Road Storm Drain	Shore Drive	Near Ten Hills Road	City—Day Labor	Gravelly Hard Pan	4.3	8" Akron Pipe	221.1					See Sewer	See Sewer	14	*	0.39	0.050		*	233.12		233.12		233.12	
Middlesex Avenue Sewer	Mystic Avenue	700.0' Northerly	Denis I. Crimmins Day Labor	Filling and Clay	6.83	8" Akron Pipe	699.8					2 Combination	113.34	5	3.30	0.33	0.050	0.15	4.330	3,026.99		3,026.99		3,026.99	
Middlesex Avenue Storm Drain	Mystic Avenue	658.0' Northerly	Denis I. Crimmins Day Labor	Filling and Clay	5.83	12" 10" Akron Pipe	658.0					See Sewer	See Sewer	7	2.00	0.44	0.030	0.04	2.680	1,493.21		1,493.21		1,493.21	
Mystic Avenue Sewer	Middlesex Avenue	213.0' Southeasterly	Denis I. Crimmins Day Labor	Filling and Clay	9.38	8" Akron Pipe	212.6					2 Combination	137.28	2	3.30	0.33	0.050	0.15	4.330	921.43		921.43		921.43	
Mystic Avenue Storm Drain	Middlesex Avenue	213.0' Southeasterly	Denis I. Crimmins Day Labor	Filling and Clay	8.38	10" Akron Pipe	212.6					See Sewer	See Sewer	2	2.00	0.44	0.030	0.04	2.680	568.94		568.94		568.94	
Mystic Avenue Sewer	Northern Artery	Kensington Avenue	Denis I. Crimmins Day Labor	Filling and Clay	13.5	8" Akron Pipe	220.9	6"	220.9			1 Combination	149.56		6.155	0.50	0.62	0.028	0.51	7.730	2,158.27		2,158.27		2,158.27
Mystic Avenue Storm Drain	Northern Artery	Kensington Avenue	Denis I. Crimmins Day Labor	Filling and Clay	10.5	10" Akron Pipe	220.9					See Sewer	See Sewer		3.06	0.37	0.028	0.25	4.860	1,074.08		1,074.08		1,074.08	
Private Lands Storm Drain	Temporary Outlet in Ledge	Edgar Avenue	Denis I. Crimmins Day Labor	Gravelly Hard Pan	4.0	10" Akron Pipe	192.0								1.67	0.34	0.014		1.670	321.41		321.41		321.41	
Private Lands Sewer	Woodstock St. Exten.	Hooker Avenue	Denis I. Crimmins for Property Owners	Clayey Hard Pan	10.05	8" Akron Pipe	48.5					4	**		**	**	0.031		**	1.62		1.62		1.62	
Private Lands Storm Drain	Woodstock St. Exten.	Hooker Avenue	Denis I. Crimmins	Clayey Hard Pan	9.05	15" Akron Pipe	48.5					1 Combination	112.30 ½ Cost Paid by City		1.17	0.66	0.031		1.981	96.00		96.00		96.00	
Private Lands Storm Drain	Mystic River	Shore Drive	City—Day Labor	Filling	3.50	16" Corrugated Iron Pipe	85.0								*	1.33	0.073		2.138	181.10		181.10		181.10	
Shore Drive Sewer	Ten Hills Road	Near Fellsway	City—Day Labor and Property Owners	Filling and Peat	4.88	8" Akron Pipe	869.1	6"	100.0			4 Combination	124.20	32	*	0.32	0.046		*	1,067.51		1,067.51		1,067.51	
Shore Drive Storm Drain	Ten Hills Road	Near Fellsway	City—Day Labor	Filling and Peat	3.88	12" Akron Pipe	867.6					See Sewer	See Sewer	19	*	0.66	0.073	0.02	2.138	1,855.13		1,855.13		1,855.13	
Temple Road Sewer	Shore Drive	Near Ten Hills Road	City—Day Labor and Property Owners	Gravelly Hard Pan	4.07	8" Akron Pipe	253.4					1 Combination	115.32	14	*	0.33	0.014		*	226.57	226.57				
Temple Road Storm Drain	Shore Drive	Near Ten Hills Road	City—Day Labor	Gravelly Hard Pan	3.67	8" Akron Pipe	246.4					See Sewer	See Sewer	14	*	0.29	0.014		*	169.36		169.36		169.36	

* Labor furnished by property owners
**Labor and materials furnished by property owners

7,269.9 = Storm drain
4,095.0 = Sewer
11,364.9 = Addition to drainage system
335.0 = 12" Sewer abandoned in Woodstock St. Ex.
11,009.9 = (20,852 miles)

Total length of public sewers in the city Jan. 1st, 1928 = 524,710.1 ft. = 99.3769 miles
Total length of private sewers in the city Jan. 1st, 1928 = 34,896.0 ft. = 6.6091 miles
Total length of sewers in the city Jan. 1st, 1928 = 559,606.1 ft. = 105.9860 miles (36,522 miles separate system sewers)
Total length of storm drains in the city Jan. 1st, 1928 = 83,303.8 ft. = 16.7242 miles
Total length of city drainage system Jan. 1st, 1928 = 647,909.9 ft. = 122.7104 miles
Total length of Metropolitan sewerage system mains in the city = 3,4750 miles

\$27,510.30 \$2,341.73 \$25,168.57

Service Transfers and Credits	370 11	
Materials on hand 1926	1,121 33	
		<hr/>
Total		\$39,933 90
		<hr/>
Balance unexpended over to 1928		\$6,773 44

Twenty-three new sewers and storm drains were constructed during the year; a length of 11,010 feet, approximately 2.1 miles, part of the work being done by department labor, the remainder by contract.

(See tabular statement for 1927, showing itemized account of work.)

Total length, city's drainage system	122.7104 Miles
Cost of construction (including catch basins)	\$1,565,483 00

The 1918 report contains a compiled table of Storm Drains previously constructed showing length, cost, date of construction, district benefited, etc.

Assessments, Metropolitan sewerage system 1927 (City's proportional cost)	\$115,232 69
Total paid Commonwealth of Massachusetts for state sewer (1892—1927, inclusive)	2,250,954 04
Total length of Metropolitan sewerage system mains running through this city	3.475 miles
15 connections, in Somerville, with Metropolitan sewerage mains. Also 3 connections through Medford and one connection through Cambridge. Locations of city's mains connecting with state sewer in 1912 report, and details of construction in previous re- ports.	
New catch basins constructed in city's highways 1927	14
Total catch basins constructed and maintained by sewer division	2,056
Other catch basins—State Highway, Metropolitan Park, B. E. Ry., etc., including 58 on Northern Artery which the city is to assume in the near future	338
Total catch basins in the city for storm drainage purposes	2,394

The separate system sewers should be extended in the older sections of the city each year, as the appropriation will allow, and storm drains completed in certain localities as previously recommended;—especially in the North Somerville District, where the discharge is across the boundary line into City of Medford, Two Penny Brook outlet; also a flood relief project in Morrison Avenue—Highland Road area; and the B. & M. railroad valley; and a storm overflow at the East Cambridge line extending from the Somerville Avenue sewer and discharging into Miller's River.

Progress has been made on the Morrison Avenue—Highland Road storm relief drain project.

Sidewalk sewers in Mossland Street should be constructed immediately and sections of the old sewers in Poplar Street and Franklin Avenue reconstructed,—thereby relieving the continuous blocking of house drains in these streets under existing conditions.

The city's drainage system will be greatly improved when all the foregoing changes are made and construction work completed.

MAINTENANCE ACCOUNT, STATEMENT OF EXPENDITURES 1927

Labor and inspection	\$14,078 27	
Teaming	9,719 52	
Equipment, supplies and repairing property	2,126 08	
	<hr/>	
Total		\$25,923 87

CLASSIFICATION OF EXPENDITURES

Maintenance of sewers, including cleaning, flushing, supervision, etc. (122.7104 miles)	\$6,810 38	
Maintenance of catch basins, cleaning and flushing, supervision, etc. (2056)	13,155 70	
Maintenance of storm water pump, Medford Street Underpass	292 78	
Changing line and grade and repairing catch basins	933 12	
Changing line and grade and repairing manholes	\$435 17	
Repairing old sewers and storm drains....	1,001 63	
Reconstructing and repairing tide-gates and floats in chambers, on storm drains and sewers	1,104 63	
Repairing Tannery Brook	55 55	
Inspection and location of house drains	632 67	
Labor, teaming, materials, other depts. & div.	102 36	
Equipment and supplies	257 35	
Repairs of tools and property	174 44	
Maintenance of Sewer Division yards (2)	880 63	
Telephone (2)	87 46	
	<hr/>	
Total expenditure		\$25,923 87

CREDIT	
Appropriation	\$25,860 00
Credits	82 11
Total	<u>\$25,942 11</u>
Balance unexpended	<u>\$18 24.</u>

A permanent force of men, varying in number from eight to thirteen, and hired teams, are kept continually at work, flushing, cleaning and repairing the city's drainage system, catch basins, etc., the expense necessarily increasing yearly as sewers, storm drains and catch basins are added to the system, and the distance increased to the dumping places, which are fast diminishing, only two being available at present.

The scarcity of dumping places has confronted the city for some time and various schemes have been considered for efficient and economical methods of disposal but no plan has been adopted.

Cubic yards of material removed from catch basins and hauled to dumps	2,819
Average cost, (labor \$2.06; teaming \$2.61)	
per cubic yard	\$4 37
Average cost, cleaning, flushing and general maintenance	
per basin	\$6 39
Average cost, cleaning and flushing drainage system including catch basins	
per mile	\$162 70

There are about twenty catch basins (average) to a mile of roadway in this city.

An auto-truck cleaning machine for catch basins, could be used advantageously in this city about one-half time during the year—the result being speedier cleaning; and at other times utilized in various work in other divisions of the Engineering Department.

A number of repairs have been made on some of the old sewers, alterations made in the outlets and overflows, and extra manholes built for the purpose of improving the system; and catch basins and manholes repaired.

Two hundred and fifty permits have been issued to licensed drain layers for connecting buildings with main sewers and storm drains; fifty-five being for repairs, alterations or extensions, all of the work being done under the supervision of the city's inspector.

Many of these repairs and alterations were made necessary by the growth of tree roots in the private drain pipe. In several cases, these private drains were relaid with iron pipe and lead joints; which is the type of construction recommended by this department, where drain connections have become stopped on account of tree roots.

Only persons that are licensed as drainlayers by the city and are under bonds are permitted to lay and repair private drains.

Data concerning each drain connection with the public sewer is on file in this office, and time and expense could be saved by the owner, by applying directly to this department for investigation and advice, where trouble exists.

Many car track catch basins and underground conduit manholes have been connected with the city's drainage system.

There are to date about 18, 167 private drain connections with the city's drainage system.

A better system of grease traps should be installed in the premises of some of the larger manufacturing plants and rendering companies to prevent large amounts of grease and waste products from escaping into city sewer mains and at various times partially blocking sections of sewers.

PARKS AND PLAYGROUNDS DIVISION

This division has the care and maintenance of about eighty acres of land laid out as parks and playgrounds, being about equally divided in area—pleasure parks and playfields.

Seventy-three acres are owned by the city and certain areas owned by private parties are turned over to the city for recreation purposes; also satisfactory arrangements have been made for a number of years past, whereby the city has the use of Tufts College playfields during the summer vacation months.

These areas when completely developed will compare favorably with other cities in the vicinity.

MAINTENANCE ACCOUNTS, STATEMENT OF EXPENDITURES, 1927

Playgrounds		Parks
\$6,206 88	Labor	\$8,310 96
547 38	Teaming	559 11
223 87	Equipment—supplies	355 25

595 82	Repairing property and tools	1,507 90
114 26	Fountains and Bubblers—Maint. (Paid Water	
	Water Dept. \$114.26 and \$71.30	76 79
	Trees—Shrubs—Plants—Floral Decorations..	1,737 36
	Flagpoles—Flags—Painting	182 71
	Repairing roadways and walks—trimming	
	trees, etc. (Highway Dept.)	98 48
	Assessment	183 68
1,610 00	Transferred to other appropriation	
<hr/>		
\$9,298 21	Totals	\$13,012 75

CLASSIFICATION OF EXPENDITURES

Playgrounds and Recreation		Parks
\$ 450 10	Central Hill Park (13.1 acres)	\$3,023 23
948 77	Foss Park (formerly Broadway Park) (15.9	
	acres)	1,860 95
	Broadway Parkway (1.6 acres)	20 87
1,757 31	Lincoln Park (7.2 acres)	1,376 78
161 39	Prospect Hill Park (2.6 acres)	2,818 31
206 23	Tufts Park (4.5 acres)	1,545 80
	Paul Revere Park (0.02 acre)	37 94
35 94	Belmont Street Park (0.4 acre)	299 00
	Powder House Boulevard (0.9 mile long)	1,143 89
	Powder House Square Parkway (0.1 acre)	33 05
	Cemetery, Somerville Avenue (0.7 acre)	53 47
2,595 57	Dilboy Field (formerly Somerville Field) at	
	Alewife Brook (15.2 acres)	471 32
650 07	Richard Trum Playground, Cedar Street and	
	Broadway (4.3 acres)	145 14
9 95	Playground, Glen Street and Oliver Street	
	(1.0 acre and 1.5 acres private land)....	16 99
101 56	Playground, Kent Street and Somerville Ave-	
	nue (0.8 acre)	20 40
58 87	Playground, Poplar Street and Joy Street	
	(0.5 acre)	2 25
104 70	Woods Playground, corner Elm Street—	
	Cherry Street and Sartwell Avenue (2.1	
	acres)	128 24
4 72	Shaw Playground, Broadway at Western	
	Junior High School (2.8 acres)	3 54
603 03	Tufts College Land, Summer Playground (5	
	acres)	11 58
<hr/>		
\$7,688 21		
1,610 00	Transferred to other appropriations.....	
<hr/>		
\$9,298 21	Total expenditures, maintenance (79.5 acres)	\$13,012 75
	72.3 acres city property and 6.5 acres private	
	land, 0.7 acre cemetery and 0.9 mile boule-	
	vard, and 0.54 mile parkway roads.	

CREDIT

Playgrounds and Recreation		Parks
	Appropriation for Parks	\$13,900 00
\$9,600 00	Appropriation for Playgrounds	
53 73	Service Transfers	
<hr/>		<hr/>
*\$9,653 73		
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\$ 355 52	Balance unexpended	\$ 887 25
* \$1610	Transferred to Sewers Maintenance Account.	

IMPROVEMENT OF PLAYGROUNDS
EXPENDITURES

Playground Foss Park (about 5.5 acres northerly end Foss Park)	
Labor, teaming, rolling, etc.—grading—fencing	\$821 66
John M. Woods Playground (Elm St.—Cherry St.—Sartwell Ave.)	<hr/>
Additional Land, Playground Glen Street	
Additional land taken for completing playfield (about ¼ acre)	
Recording taking	3 45
	<hr/>
	\$825 11

CREDIT

Playground Foss Park	
Appropriation	\$1,000 00
Unexpended balance (1926)	322 24
	<hr/>
Total Credit	\$1,322 24
	<hr/>
Balance unexpended	\$500 58
John M. Woods Playground	
Appropriation	\$500 00
	<hr/>
Balance unexpended	\$500 00
Additional Land, Playground Glen Street	
Appropriation	\$9,800 00
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Balance unexpended	\$9,796 55
Assessments for Metropolitan parks and boulevards (City's proportional cost)	\$95,030 17
Total paid Commonwealth of Massachusetts—Metropolitan park system, to January 1, 1928	\$1,428,638 89
Total length Metropolitan boulevard in Somerville	4½ miles

All of the city's playfield areas have been in constant use throughout the year;—special supervision was provided

by the Welfare and Recreation Commission during the months of July and August especially for the children's activities, to make the playgrounds popular and successful; an exhibition featured the closing of the summer work.

Tufts College playfield was under the city's supervision during the summer,—twilight baseball and outdoor entertainment being largely attended.

At the athletic field bordering Alewife Brook an additional area has been purchased and a permanent outdoor winter running track has been completed, which will also provide a hockey rink in the winter and wading pool in the summer. The remaining area should be graded as soon as possible and when completed as originally designed, the city will own one of the best recreation fields in the vicinity (See 1910 report for lay-out.)

The northerly end of Foss Park has been fenced in for playground purposes, and construction work commenced.

The city has become so densely populated (averaging nearly 25,000 people a square mile) that some of the larger park areas should be more extensively utilized for public recreation and physical training purposes. On several of the Playfields concrete buildings should be constructed, additional apparatus and shelters provided and some of the smaller playground areas should be enclosed by wire fencing for protection.

In certain localities of the city, well-lighted playgrounds, during summer evenings, should be maintained for the young men and women who are obliged to work in the day time.

Previous reports are respectfully referred to for suggestions and recommendations for improvement of park and playground areas.

In connection with the department work, the Welfare and Recreation Commission, the Playgrounds Association and Women's Clubs have been of great assistance in advising, directing and promoting the city's welfare. (Details, etc., in Commission's and Association reports.)

(See City Auditor's report for total expenditure by city departments and commissions for recreation and play the past year.)

ERNEST W. BAILEY

In conclusion this report would be incomplete without a fitting testimonial to the late engineer who so ably outlined the policy of the department for a third of a century.

Ernest W. Bailey, City Engineer of Somerville, died very suddenly July 27th. He was born in Somerville, December 1866, and entered into city employ in June 1887, succeeding the late Horace L. Eaton as City Engineer in November 1895.

For thirty-two years he filled the position in a manner that drew respect and admiration from his immediate associates and contemporaries far and near. His intense initiative, daring originality and resourceful mind combined to make an official invaluable to the city. Every act and move was calculated with reference to the benefit of the community in which he spent his life. His extensive tenure in office is proof of the esteem and confidence vested in him by the successive city governments.

Respectfully submitted,

ERNEST W. DANFORTH,

City Engineer.

REPORT OF THE STREET COMMISSIONER

OFFICE OF THE STREET COMMISSIONER,

City Hall, Somerville, January 1, 1928.

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen:—I most respectfully submit the fifty-second annual report, containing a brief summary of the principal work performed by the Highway Department, by day labor and contract, during the year 1927 with recommendations for necessary additions the coming year.

This department has charge of the construction, alteration, repair, maintenance and management of ways, streets, sidewalks and bridges; the setting out and care of shade trees; the suppression of gypsy and brown tail moths, elm leaf beetles and other pests which destroy trees; and the oiling and watering of streets.

Highway Department Appropriations

	Appropriations	Expenditures
Highway Maintenance	\$140,616.49	\$139,475.97
Sidewalks Maintenance	11,200.00	11,195.82
Street Sprinkling	38,242.00	38,073.71
Street Cleaning	30,587.00	30,579.00
Suppression of Moths	5,000.00	4,898.64
Care of Trees	6,500.00	6,498.39
New Streets	39,418.31	33,674.72
Permanent Pavement	159,005.55	142,424.57
Sidewalks Construction	16,330.45	16,297.18
Reconstruction and Resurfacing.....	29,174.37	28,965.06
	<u>\$476,074.17</u>	<u>\$452,083.06</u>

Highway Maintenance has become recognized as a continuous process, and one which not only determines the utility and comfort of a highway to the road user, but also the ultimate economy of the improvement to the taxpayer. It has come to be realized that the first cost is only a part of the true cost of an improvement, and this realization is influenc-

ing highway design, not only in the selection of surface types, but in planning other important features.

The new Northern Arteryway has been completed, but not accepted by the city yet.

1927

Highway Maintenance

Appropriations		\$113,700.00
Credits		26,916.49
		<hr/>
		\$140,616.49
Street Commissioner	\$ 3,600.00	
Bookkeeper - clerk	3,475.92	
Office Expenses	580.86	
Equipment and repairs	2,403.17	
Harnesses	1,428.20	
Tools and Machinery	4,299.82	
Steam Rollers	781.11	
Mixers	658.42	
New automobiles	200.00	
Automobile maintenance	9,362.35	
New tractor and plow	2,000.00	
Tractor maintenance	268.51	
Stable expenses	7,293.15	
Hay, grain and feed	6,676.53	
Shoeing and veterinary	2,042.66	
Fuel	456.30	
Towing automobiles	506.27	
Emergency calls	792.66	
Repairs to streets, gutters and crossings.....	20,180.65	
Repair subways	1,018.01	
Care of public property	1,254.80	
Lanterns and traffic signs	7,125.77	
Snow and ice	24,785.90	
Street signs	1,643.37	
Sawing wood	649.51	
Horses	225.00	
Holidays and vacations.....	10,545.99	
Driveways	9,242.44	
Charges to other departments	1,632.04	
Bills receivable	1,324.03	
Miscellaneous	54.66	....
Materials for other appropriations.....	12,967.87	
Balance	1,140.52	\$140,616.49
		<hr/>

Snow and Ice

A recent survey made by the Bureau of Public Roads shows that thirty-six states now find it necessary and expedi-

ent to keep their roads open to traffic through the winter months.

Speed is essential in snow removal and with the installation of modern methods and equipment excellent work has been accomplished in the clearing of the streets quickly after each storm. This department should have one or more sidewalk tractors for clearing snow off sidewalks around city property.

This department cares for the sidewalks around all public buildings and grounds, and removes snow from streets on request where there is to be a funeral, wedding or party.

Warning signs were erected and ashes spread at the foot of hills where coasting was allowed.

\$24,224.00 was expended for the removal of snow and ice. 403 requests and reports were attended to.

4,996 cubic yards of snow and ice were removed.

102 cubic yards of sand and 31 cubic yards of ashes were used in caring for icy sidewalks, streets and crossings.

Bridges

The bridges are in good condition. An iron bridge for pedestrians should be constructed over the Boston and Maine Railroad, Fitchburg Division at Kent street and the Kent street subway eliminated because after heavy rains the subway fills with water and has to be closed to travel until the water is pumped out.

Street Railways

The Boston Elevated Railway Company reconstructed double tracks the entire length of Highland avenue, the outbound track on Broadway from the top of the hill to Magoun square, and the outbound track on Beacon street from Buckingham street to Washington street. On Mystic avenue the double tracks, from Maine avenue to the State line near Middlesex avenue, were relocated from the side of the street to the middle. On Washington street both tracks were raised under the Boston and Maine Railroad, Southern division. The double tracks on Bow street from Walnut street to Union square should be removed as this car line has been

abandoned. The double tracks on Main street, on Somerville avenue from Union square to the Northern Artery and the outbound track on Beacon street from Washington street to Park street should be reconstructed.

Underground Wires

Permits were issued to the Edison Electric Illuminating Company to open streets for the construction or enlarging of conduits on Highland avenue from School street to Medford street and on Cross street and Mystic avenue from Broadway to the First National Stores Building.

Crushed Stone

Crushed stone purchased during the year:—

10 tons	\$2.00 from Coleman Brothers.
135 tons	2.50 from Coleman Brothers.
280 tons	2.90 from Coleman Brothers.
2518 tons	2.20 from General Crushed Stone Co.
80 tons	1.75 from R. H. Ducey Co.
4694 tons	2.15 from R. H. Ducey Co.
12½ cu. yds.	2.40 from R. H. Ducey Co.

Sidewalks Maintenance

Police reports pertaining to all kinds of defective sidewalks were promptly attended to and charged to this account.

This year the department kept a crew of men continually patching and repairing brick and granolithic sidewalks and if the appropriation the coming year allows, this work will be continued. There are many old brick sidewalks that should be replaced with granolithic.

2,394 linear feet of edgestone were reset.
893 square yards of brick sidewalks relaid.
873 square yards granolithic sidewalks relaid.
270 square yards of gutters relaid.
\$11,195.82 was expended for Sidewalks Maintenance.

Street Sprinkling

This division of the department is cared for by city employees with the exception of the work done by the Car Sprinkler. This car is furnished by the American Car Sprinkler Company for \$975.00 a month and operates seven

days a week. It sprinkles and flushes all streets where car tracks are located. Cold tar was purchased from the Trimount Oil Company of Everett for \$.0919 per gallon delivered to our tanks at the city yard.

Dust layers used during the year:—

179,780 gallons of Tarco B, Trimount Oil Company.

4,125 pounds Calcium Chloride.

\$38,073.71 was expended for Street Sprinkling.

Street Cleaning

Keeping city streets clean is a real job. All streets are cleaned in the spring and fall and kept clean between these periods by the two motor pick-up sweeping machines. A new machine should be purchased the coming year.

7,550 cubic yards of street sweepings were removed.

\$30,579.00 was expended for Street Cleaning.

Suppression of Moths

This department cares for all trees both public and private in regard to moths. This work must be carried on and the appropriation large enough to allow for spraying at the proper time. This year very few brown-tail moth nests were found. Most of this work is done in the winter and consists of creosoting the egg clusters.

The department should have a new motor spraying machine.

9,698 street trees were inspected and cared for.

18,242 private trees were inspected and cared for.

22,290 bushes were found moth infested.

9,475 fences and buildings on which moths nested.

49,624 gypsy moth nests were painted with creosote.

2 brown-tail moth nests were gathered and destroyed.

4,620 satin moth nests were painted with creosote.

103,231 tussock moth nests were destroyed.

964 tent moth nests were destroyed.

\$4,898.64 was expended for the Suppression of Moths.

Shade Trees

The cause of many of our trees dying is, they do not receive the necessary nourishment through the soil owing to the modern methods of street and sidewalk construction. The Leopard borer has destroyed many of our trees.

73 trees were set out.

204 trees were removed.

143 trees were trimmed by request.

90 tree guards and supports were installed.

NEW STREETS CONSTRUCTED IN 1927

Street	From	To	Width	Cost
Douglas avenue	Edgar avenue	southeasterly	30	\$ 2,035.07
Edgar avenue	Main street	across Meacham street	50	12,902.70
Highland road	Morrison avenue	Boston & Maine R. R.	70	2,218.30
Warwick place	Warwick street	Clyde street	30	3,302.27
Cross street (east)	Broadway	Mystic avenue	40	10,398.44

PERMANENT PAVEMENT 1927

Street	From	To	Cost
Beacon street, N'Ely	Washington street	Buckingham street	\$ 8,986.13
Highland avenue	Medford street	Davis square	84,643.25
Mystic avenue	Middlesex avenue	Austin street	38,080.06
Prospect street	Webster avenue	Cambridge line	10,715.09

RECONSTRUCTION AND RESURFACING 1927

Street	From	To	Width	Length	Cost
Adams street	Broadway	Medford street	40	907	\$3,429.79
Austin street	Broadway	Mystic avenue	40	716	3,579.29
Broadway (portions)	Main street	Saxon C. Foss park			6,563.38
Curtis street	Powder House Blvd.	Professors row	40	840	3,698.32
Marion street	Concord avenue	Wyatt street	40	1141	2,679.34
Mt. Pleasant street	Broadway	Perkins street	33	584	2,518.81
Professors row	College avenue	Packard avenue	40	1250	1,471.48
Richardson street	Lowell street	Hinckley street	35	467	1,690.84
Wesley street	Pearl street	Otis street	40	515	2,543.11

The above streets were constructed with Asphalt penetration.

SIDEWALKS CONSTRUCTION 1927

Street	Location	Cost
Boston avenue	In front estate No. 24	\$ 106.24
Boston avenue	In front estates Nos. 23-53 inc.	718.55
Bond street	In front estate Winter Hill Realty Co.	322.75
Broadway	In front estate Nos. 300-302 an inc. Record Court	315.77
Bow street	In front estate No. 22	201.45
Burnham street	In front estate No. 38	183.61
Chetwynd road	S'Wly side, Curtis street to Hillsdale road	1,703.11
Eastman road	N'Wly side from Highland avenue, southeasterly	707.42
Fremont street	In front estates Nos. 30-52 inc. with edgestone	1,187.38
Homer square	Northerly side from Bonner avenue to end	535.32
Holyoke road	Northerly side, Elm street to Elm street where not laid	768.56
Meacham street	N'Ely side Moreland street to Ash avenue	443.91
Middlesex avenue	S'Wly side Moreland street to Edgar avenue	742.84
Munroe street	In front First National Stores, where not laid	1,250.00
Malvern avenue	S'Wly side, Prospect Hill avenue to Boston street	2,021.11
Vernon street	S'Wly side, Cameron avenue to Yorktown street	1,797.74
Vine street	N'Ely side, Central street to Lowell street	2,113.35
Watson street	In front St. Anthony's Church	498.96
Webster avenue	In front estate No. 16	122.63
	In front estates Nos. 80-84 inc.	547.87

Highway Construction—New Streets

One new street was constructed during the year under the Betterment Act, by contract:—

Setting edgestones 60c per linear foot.

Gutter construction \$3.50 per square yard.

Construction of macadam roadway with Asphalt top \$2.00 per square yard.

The city furnished the edgestone delivered on the line of work for \$1.14 per linear foot, and also the asphalt for 16c per gallon.

Four new streets were constructed by City employees:—

Setting edgestone 56c per linear foot.

Gutter construction \$4. 85 per square yard.

Construction of macadam roadway with Asphalt top \$2.20 per square yard.

Three new streets were accepted this year.

\$33,674.72 was expended for New Streets.

Sidewalks Construction

All the granolithic sidewalks were constructed by the department employees at a cost of \$3.85 per square yard, including excavation and all materials.

There are several sections in our squares where the brick sidewalks should be removed and granolithic constructed.

Miles of edgestone, granolithic, brick and gravel sidewalks in the city:—

Edgestones	156.415 miles
Gravel sidewalks	17.308 miles
Brick sidewalks	68.774 miles
Granolithic sidewalks	62,004 miles

\$16,297.18 was expended for Sidewalks Construction.

Highway Construction—Permanent Pavement

Money spent on improving the highways is well invested, it pays liberal profits. All main streets of any city should be paved with some kind of permanent pavement. On Highland avenue after the Boston Elevated Railway Company laid new rails, the city had the old Bituminous penetrated top removed from the concrete base and a new Warrenite mixed top laid the entire length of the street. On Prospect street

from Webster avenue to the Cambridge line the old top was removed and a new Warrenite top constructed. This work was done by Warren Brothers.

On Beacon street north side from Buckingham street to Washington street a concrete base was constructed and cut granite paving blocks laid and grouted with Portland cement. C. W. Dolloff and Son did the work. On Mystic avenue both sides from near Austin street to the State line near Middlesex avenue, edgestones were set, a concrete base constructed with cut granite paving blocks laid upon the same and grouted with Portland cement. This construction was done by James H. Fannon.

\$142,424.53 was expended for Permanent Pavement.

Reconstruction and Resurfacing

Under this appropriation the city divides the money in the wards of the city and selects the streets that need most attention.

Eight streets were reconstructed or resurfaced this year at an average cost of \$1.45 per square yard by city employees.

\$28,965.06 was expended for Reconstruction and Resurfacing.

Miscellaneous

- 94 granolithic driveways constructed.
- 65 brick driveways constructed.
- 22 edgestones dropped for driveways.
- 4 driveways extended.
- 6 driveways discontinued.
- 4 horses were killed on account of disability.
- 3 horses died.
- 2 horses were purchased.
- 97 accident reports received.
- 1056 police reports received.
- 782 brick and granolithic sidewalks repaired.
- 1651 miscellaneous reports and requests.
- 462 streets cleaned by requests.
- 213 notifications to and from other departments and corporations.
- 4252 cubic yards of sand and gravel used.
- 7066 cubic yards of dirt removed.
- 2781 cubic yards of ashes used.
- 1133 cubic yards of old macadam used.
- 1331 barrels of Portland cement used.
- 4 cubic yards of laom used.

Driveways are constructed, discontinued, relocated or extended at the expense of the petitioners.

The department maintains its own municipal repair shop for the different lines of work.

I have attended meetings of the Public Works, Mayor Conwell as Chairman, Public Works Committee, and the Board of Aldermen for consultation regarding work and petitions.

Traffic Control

It takes a chauffeur and truck full time seven days a week to care for the traffic lanterns. "Stop" signs were erected at several dangerous corners and they have helped to lessen the accidents. Lines have been painted at crossings to school buildings and "No Parking" was painted on the sidewalks in front of theatres and churches.

A machine was invented by Mr. Murley, the department's painter, for painting the center traffic lines and for crossings. This machine is a great labor saver. "Look and Live" signs, the slogan of the Somerville Safety Council, were erected by the department.

- 70 danger and traffic signs erected.
- 34 new street signs erected.
- 265 signs repainted.
- 2 reflector signs erected.

One hundred sixty-seven automobiles and trucks were towed to the city stables. They had been wrecked or stolen and were blocking traffic on the streets.

When requested this department places sickness signs on the streets notifying the public to make no noise.

Permits

There were during 1927:—

- 142 permits issued to the Cambridge and Charlestown Gas Companies.
- 58 permits issued to cross sidewalks.
- 420 permits issued to occupy streets and sidewalks.
- 9 permits issued to feed horses.
- 107 drain layers permits.
- 834 water department openings.
- 110 permits to open streets and sidewalks.

Recommendations

I most respectfully recommend the removal of the double car tracks on Bow street from Walnut street to Union square; finish the paving on the northerly side of Beacon street; relay the tracks and pave the sides of Main street. On Medford street between Northern Artery and the Cambridge line and on Somerville avenue from Union square to the Northern Artery the old granite paving blocks on a gravel base should be removed, recut and placed on a concrete base. The asphalt penetration construction started on Broadway near Marshall and Temple streets be extended to the top of Winter Hill. At the junction of Highland avenue and Medford street near the Northern Artery the streets should be widened and at many dangerous corners the edgestones and circles set back thus giving a large opening at street intersections. If these recommendations were approved in regard to paving they would complete connecting links.

I also recommend the purchase of a small portable electric stone crusher to be located at the city stables for crushing old granolithic and cull paving blocks.

The department should have a fireproof garage.

I wish to extend my sincere thanks to all for their support and cooperation.

Respectfully submitted,

ASA B. PRICHARD,

Street Commissioner.

BOARD OF HEALTH**Organization — 1927**

C. A. C. RICHARDSON, M. D., Chairman
JAMES A. KILEY
JESSE S. NEWCOMB

Executive Clerk

LAURENCE S. HOWARD

Assistant Clerk

OLIVE M. STANLEY

Agent

GEORGE I. CANFIELD

Medical Inspector and Bacteriologist

FRANK L. MORSE, M. D.

Inspector of Animals and Provisions

CHARLES M. BERRY, V. S.

Inspector of Milk and Vinegar

HERBERT E. BOWMAN, Ph. G.

Milk Collector and Dairy Inspector

WILLIAM H. WALLIS

Technician

GEORGIA H. MORELAND, Ph. C.

Plumbing Inspector

DUNCAN C. GREENE

School Nurses

GRACE M. ANDREWS, R. N.

DOROTHY E. HOOPER, R. N.

Health Nurses

HELEN B. BERRY

MARY L. SCOTT, R. N.
GRACE E. PICKERING, R. N.

Matron at Contagious Hospital

LILLIAN E. GOULD, R. N.

Office of the Board of Health,
City Hall, January 3, 1928.

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen:

We respectfully submit the following as the fiftieth annual report of the Board of Health in which is presented a statement, tabulated and otherwise, of the sanitary condition of the city and the business of the board for the year ending December 31, 1927.

Nuisances

A record of the nuisances abated during the year, in compliance with notices issued by the board, or under the board's direction, is presented in the following table:

Complaints referred from 1926	14
Complaints received during 1927	469
	<hr/>
	483
Complaints received with no just cause	8
Complaints abated on verbal notice of Agent	71
Complaints abated on notices sent	394
Complaints referred to 1928	10
	<hr/>
	483
First notices sent	404
Second and third notices sent	30
	<hr/>
Total notices sent	434

Annually the cellars and alleyways of the city are examined and the owners of the property where unsanitary conditions exist are required to remedy the same.

Record of Licenses and Permits issued

GOATS. Five applications were received for permits to keep goats, four of which were granted to keep six goats. The fee is one dollar for each goat.

HENS. Twenty-three applications for permits to keep 259 hens were received. Fourteen to keep 177 hens were granted and nine permits were refused.

COWS. Three applications for permits to keep three cows were received, which were granted.

GREASE. Eighteen applications were received for permits to collect grease, which were granted. The fee is two dollars for each team.

MELTING AND RENDERING. Three parties have been licensed to carry on the business of melting and rendering, for which a fee of one dollar is charged.

MASSAGE AND MANICURE. One hundred and five have been licensed to practice massage and manicure. The fee is one dollar for each license.

SALE OF ALCOHOL. The statutes provide that no person, firm or corporation other than a registered druggist shall engage in the business of manufacturing, buying, selling or dealing in methyl alcohol, or wood alcohol so called or denatured alcohol, or any preparation containing more than three per cent of any of the said alcohols, without being licensed so to do by the board of health.

Under the provisions of this act sixty-seven licenses have been issued. A fee of one dollar was received for each license.

BOTTLING, CARBONATED BEVERAGES. Chapter 303, Acts of 1921 provides that no person shall engage in the manufacturing or bottling of carbonated non-alcoholic beverages, soda waters and mineral and spring water without a permit from the board of health. Four such permits were granted and one application is pending. A fee of ten dollars being charged in each case.

Stables

No person has the legal right to erect, occupy or use any building in this city, as a stable, without obtaining a license from the board for such occupancy. Each application is referred to the Agent of this board and no license is granted unless all regulations of the board are complied with. The following is a record of applications received and licenses granted:

Applications pending from 1926	0
Applications received during 1927	5
	<hr/>
	5

Licenses granted	1
Licenses refused	1
Licenses pending	3
	<hr/>
	5

Board of Infants

Thirty-four applications having been made to the State Department of Public Welfare for licenses to care for children in this city were referred to this board under provisions of Chapter 119 of the General Laws, and were approved.

Lying-in Hospitals

One application having been made to the State Department of Public Welfare for a license to maintain a lying-in hospital in this city was referred to this board under the provisions of Section 71, of Chapter 111 of the General Laws and was approved.

There were 931 deaths and 61 stillbirths in the city during the year, as specified in the following table.

Deaths at Somerville Hospital	100
Deaths at hospital for contagious diseases	8
Deaths at home for aged poor (Highland Avenue)	35
Deaths at city home	7
Deaths at other institutions	53

Mortality in Somerville in 1927

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
I. EPIDEMIC, ENDEMIC AND INFECTIOUS DISEASES.													
1A Typhoid Fever		1					1				1		2
8 Scarlet Fever		1			1	1			1				4
9 Whooping Cough			1										1
10 Diphtheria	2							1					5
11B Influenza	1	1	2		1		1				1		6
21 Erysipelas	1											1	2
22 Acute Anterior Poliomyelitis									4	1			5
23 Lethargic Eucephalitis	1												1
24 Meningococcus Meningitis	1												1
31 Tuberculosis of the Lungs	2	4	3	3	6	3	2	1	2	4		4	34
32 Tubercular Meningitis				1		1		1	1				4
41 Septicaemia				2		1		1	1		1		6
II. GENERAL DISEASES NOT INCLUDED IN CLASS I.													
43 Cancer of the Buccal Cavity									1				1
44 Cancer of Stomach & Liver	4	3	3	4	4	5		3	2	3	1	1	33
45 Cancer of Intestines		1	1	3	2		3	2	1	4	1	2	20
46 Cancer of Female Genital Organs	1		2	2	1	1	3	1	1			1	13
47 Cancer of breast				1		1	1		1	2			7
49 Cancer of other Organs	2			1	3	1	1	1	1	2	2		14
51 Acute Rheumatic			1										1
Febrile													1
52 Chronic Rheumatism									1				1
56 Rickets									1				1
57 Diabetes Mellitus		2	1	1	1				1	2			8
58A Pernicious Anemia		2					1	1	1	1	1		9
60B Diseases of the													
Thyroid Gland	1												1
62 Diseases of the Thymus Gland				1								1	2
65B Hodgkins Disease					1							1	2
69 Other General Diseases		1											1
III. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.													
70 Encephalitis						1							1
71A Simple Meningitis					1								1
72 Tabes Dorsalis								1					1
73 Other Diseases of the Spinal Cord	1	1											2
74A Cerebral Hemorrhage	7	11	8	12	10	3	7	6	8	6	6	7	91
74B Cerebral Thrombosis			1										1
75A Hemiplegia	1												1
79 Convulsions								1					1
81 Chorea	1												1
84 Other Diseases of the Nervous System							2						2
IV. DISEASES OF THE CIRCULATORY SYSTEM.													
88 Acute Endocarditis and Myocarditis		3	2		1	3	1	1	1	1			13
89 Angina Pectoris	3		2	2			4	3	3	2	4	1	24

[illegible]

Mortality in Somerville in 1927—Continued

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
X. DISEASES OF THE BONES AND ORGANS OF LOCOMOTION													
XI. MALFORMATIONS.													
159A Hydrocephalus				1									1
159C Others under this title			1						4				5
XII. EARLY INFANCY.													
160 Congenital Debility	2	1	1	1	1				4		2	1	13
161A Premature Birth	3	4	3	2		3	2	3	2	5	1	2	30
161B Injury at Birth		1									1		2
162 Other Diseases peculiar to Early Infancy	1	1	1		1		1						5
XIII. OLD AGE.													
164 Senility			1			1						1	3
XIV. EXTERNAL CAUSES.													
167 Suicide by Poisonous Gas				1									1
168 Suicide by Hanging								1					1
179 Accidental Burns								1	1			1	3
181 Accidental gas poisoning					1		1			1			3
182 Accidental Drowning									1				1
185 Accidental Fall			1	2			1	1			1		6
187 Accidental Crushing in Machine								1					1
188A Railroad Accident			1					1			1	1	4
188B Street Car Accident				1									1
188C Auto Accidents	1		3	1			1		1	2	1		10
194 Excessive Heat							1						1
196 Accidental Electrocu- tion										1			1
XV. ILL-DEFINED CAUSES.													
Total Deaths	100	76	94	94	79	65	62	64	88	70	62	77	931

Population Estimated 103,000
 Death rate per thousand 9.04

DEATHS BY AGES

AGES.	Total.	Male.	Female.
Under one	95	50	45
One to two	7	5	2
Two to three	7	2	5
Three to five	13	7	6
Five to ten	12	5	7
Ten to fifteen	9	3	6
Fifteen to twenty	8	3	5
Twenty to thirty	41	17	24
Thirty to forty	48	19	29
Forty to fifty	62	24	38
Fifty to sixty	128	72	56
Sixty to seventy	186	89	97
Seventy to eighty	192	94	98
Eighty to ninety	102	37	65
Ninety and over	21	10	11
Total	931	437	494

Total Deaths During Last Ten Years

Year.	No. of Deaths.	Rate per 1,000
1918	1,533	16.84
1919	1,074	11.30
1920	1,137	12.22
1921	986	10.38
1922	1,019	10.41
1923	1,108	11.30
1924	979	9.79
1925	1,110	11.20
1926	1,084	10.73
1927	931	9.04
Average death rate per 1000 for ten years		11.32

Table Showing the Five Principal Causes of Deaths in Somerville in 1927

HEART DISEASE.		ARTERIO SCLEROSIS		PNEUMONIA ALL FORMS.		CANCER ALL FORMS.		APOPLEXY.	
Number of Deaths.	Number per 10,000 of Pop.	Number of Deaths.	Number per 10,000 of Pop.	Number of Deaths.	Number per 10,000 of Pop.	Number of Deaths.	Number per 10,000 of Pop.	Number of Deaths.	Number per 10,000 of Pop.
184	17.86	148	14.36	99	9.61	88	8.54	91	8.83

Diseases Dangerous to the Public Health

This board has adjudged that the diseases known as actinomycosis, anterior poliomyelitis, anthrax, Asiatic cholera, cerebro-spinal meningitis, chicken pox, diphtheria, dog-bite, (requiring anti-rabic treatment) dysentery, German measles, glanders, hookworm disease, infectious disease of the eye, influenza, leprosy, malaria, measles, mumps, pallagra, plague, pneumonia, (Lobar only), rabies, scarlet fever, septic sore throat, small pox, tetanus, trichinosis, tuberculosis (all forms), typhoid fever, typhus fever, whooping cough, yellow fever, are infectious and dangerous to the public health and safety within the meaning of the statutes. Physicians are required to report immediately to the board every case of either of these diseases coming under their care and postal cards conveniently printed and addressed are supplied to them for the purpose. On receipt of a card from a physician, the principal of the school in the district in which the patient resides, the librarian of the public library and state board of health are notified.

Specimens and Supplies

Outfits for specimens to be examined for tuberculosis, diphtheria and typhoid fever, and diphtheria anti-toxin, vaccine lymph and nitrate of silver solution may be obtained at the laboratory and at the following places:

Edward Edwards, 25 Union Square
R. A. Peckham, 86 Broadway
Ernest M. Vose, 310 Broadway
George E. Wardrobe, 716 Broadway
Willis S. Furbush & Co., 1153 Broadway
George R. Reed, Hobbs Building, Davis Square
Somerville Drug Co., 288 Highland Avenue

Hereafter the Agent of this Board will collect, daily at five o'clock p. m., all specimens left at culture stations for examination, prior to that hour.

Physicians desiring reports on the following day, must deposit same at the City Hall, in the receptacle provided, before nine-thirty p. m.

Results of all examinations of specimens received at the City Hall prior to nine-thirty p. m., will be reported to the physicians on the following morning.

Medical Inspection of Schools

The medical inspection of the schools of Somerville which was instituted in December 1907, has been continued during the year. The value of the system has been constantly demonstrated, and the work has been done in a very satisfactory manner. There has been harmony of action between the board of health and the school board, and the school principals and teachers have very generally co-operated with the inspectors in making the system as successful as possible.

The inspectors make daily visits to the schools under their charge, and to them are referred all children who show evidences of disease or abnormal conditions. Children who are found to be unfit to remain in school are sent home, accompanied by a slip properly filled out advising that the family physician be consulted. The inspectors also make an annual inspection of all the children in the schools, and any defects discovered are called to the attention of the parents. Monthly inspections of the school buildings and premises are made, and suggestions or criticisms are referred to the proper authorities. Every effort is made to protect the health of the children and to co-operate with the parents in keeping the children in as normal a condition as possible.

In accordance with the provisions of the statute, tests of sight and hearing are made by the principals or teachers.

District No. 1

<i>Inspector</i>	Dr. Francis Shaw, 57 Cross Street.
<i>Schools</i>	Prescott, Hanscom, Edgerly and Boys' Vocational Schools.

District No. 2

<i>Inspector</i>	Dr. Edward J. Dailey, 46 Bow Street.
<i>Schools</i>	Baxter, Knapp, Perry and Southern Junior High Schools.

District No. 3

<i>Inspector</i>	Dr. Walter Jellis, 1028 Broadway to Sept. 1, 1927. Dr. Crawford K. Sweeley, 25 Curtis St., from Sept. 1, 1927.
<i>Schools</i>	Bennett, Pope, Cummings and Proctor Schools.

District No. 4

Inspector Dr. W. L. Bond, 322 Highland Avenue.
Schools Morse, Carr, Durell and Burns Schools.

District No. 5

Inspector Dr. H. M. Stoodley, 283 Highland Avenue.
Schools Brown, Bingham, Forster and Northeastern
 Junior High Schools.

District No. 6

Inspector Dr. H. Cholerton, 94 College Avenue.
Schools Western Junior High, Lincoln, Highland,
 Cutler and Lowe Schools.

District No. 7

Inspector Dr. E. F. Sewall, 281 Broadway.
Schools Glines and High Schools.

District No. 8

Inspector Dr. M. W. White, 21 Walnut Street.
Schools Parochial.

During the year 10,952 children have been referred to the inspectors during their daily visits, and 455 have been sent home because of illness.

The following list will show the classes of diseases and defects which have been found in the schools, except defects of sight and hearing:

List of Diseases and Number of Cases Reported

1. Infectious Diseases:—	
Chicken Pox	32
Measles	7
Mumps	57
Scarlet Fever	22
Whooping Cough	9
Tuberculosis	1
Total	128
2. Diseases of the Nose and Throat:—	
Enlarged tonsils and adenoids	1,077
Inflammatory diseases	580
Other abnormal conditions	4
Total	1,661

3. Diseases of the Eyes:—	
Foreign bodies	1
Inflammatory conditions	27
Other abnormal conditions	23
	<hr/>
	51
4. Diseases of the Ear:—	
Inflammatory conditions	37
Other abnormal conditions	28
	<hr/>
Total	65
5. Diseases of the Skin:—	
Eczema	72
Herpes	70
Impetigo	96
Pediculosis	698
Scabies	49
Tinea	11
Miscellaneous conditions	189
	<hr/>
Total	1,185
6. Miscellaneous Diseases:—	
Diseases of the Circulatory System	24
Diseases of the digestive organs	125
Diseases of the lymphatic system	9
Diseases of the nervous system	12
Diseases of the respiratory system	113
Wounds and injuries	63
Diseases of the teeth	4
Other conditions	28
	<hr/>
Total	378
Total number of diseases	3,468
Vaccinations performed	216
Examinations for vaccinations	1,005
Certificates to work	220

Bacteriological Work

The report of the work of this department is made by Frank L. Morse, M. D., on a subsequent page and becomes a part of this report.

Undertakers

Under the provisions of Section 49 of Chapter 114 of the General Laws, 22 persons have been duly licensed as undertakers.

Examinations of Plumbers

The public statutes provide for a board of examiners of plumbers, consisting of the chairman of the board of health,

the inspector of buildings, and an expert at plumbing, to be appointed by the board of health. This board appointed Duncan C. Green, the inspector of plumbing, to fill the place of expert. The number of licenses granted will be found in the report of the inspector of buildings.

Health Nurses

There are at present five nurses employed by this board. Two of these are employed as school nurses and the work of the others consists of followup work regarding tuberculosis cases and post-natal hygiene work, together with other work connected with this board.

The reports of the school nurses are made a part of the report of the school Committee and those of the other nurses are made a part of this report being submitted in detail in subsequent pages.

Infant Hygiene Clinics

During the past year under the supervision of this board, clinics have been held every Tuesday afternoon at the Edgerly Schoolhouse, every Thursday afternoon at the Bennett Schoolhouse, and every Friday afternoon at the Bingham Schoolhouse except when the days were holidays. The attendance for the year at these three clinics was 5018. The average weekly attendance at the Edgerly Schoolhouse was 28, at the Bennett Schoolhouse 22 and at the Bingham Schoolhouse 48.

This work is of inestimable value and the results are very far reaching.

C. A. C. RICHARDSON,

JAMES A. KILEY,

JESSE S. NEWCOMB,

Board of Health.

Attest:

LAURENCE S. HOWARD, Executive Clerk.

REPORT OF HEALTH NURSES

Somerville, Mass.

January 3, 1928.

To the Board of Health,
Somerville, Mass.

Gentlemen:

We submit the following report of work performed by us in infant hygiene, post natal and tuberculosis cases for the year ending December 31, 1927.

Infant Hygiene

Infants reported as born in Somerville during 1927	1,509
Infants born elsewhere resident in Somerville	509
Pairs of twins born in Somerville	22
Sets of triplets born in Somerville	0
Still-births in Somerville	61
Infants who moved away from Somerville	216
Infants reported with Ophthalmia Neonatorum	2
Infants reported with Conjunctivitis	6
Infants reported with Infantile Paralysis	9

There were ninety-five deaths of infants under one year of age in Somerville during the past year as shown in the following table:

Prematurity	31
Congenital Diseases	17
Intestinal diseases	10
Accidental Injury	1
Pneumonia and other diseases	36
Total	95

Total attendance at Baby Welfare Clinics during 1927	5,018
New registrations during 1927	541
Average attendance during 1927	32

Tuberculosis

Pulmonary Tuberculosis cases reported in 1927	116
Other forms of tuberculosis reported in 1927	16
Patients admitted to Sanatoria	62
Patients previously reported in Sanatoria	30
Deaths in Somerville (Pulmonary 34, Other Forms 4)	28
Deaths in Sanatoria 16. Discharged 34	50
Patients now in Sanatoria	42
Patients temporarily out of Somerville	8
Patients who have moved away from Somerville	34

**TABLE SHOWING AGES AND SEX OF CASES REPORTED
DURING 1927**

Pulmonary Tuberculosis

Ages	SEX		Total
	Male	Female	
Under fifteen years.....	3	0	3
From fifteen to twenty years.....	2	5	7
From twenty to thirty years.....	15	23	38
From thirty to forty years.....	20	15	35
Over forty years.....	20	13	33
Total	60	56	116

Other Forms of Tuberculosis

Ages	SEX		Total
	Male	Female	
Under fifteen years	1	5	6
From fifteen to twenty years	1	4	5
From twenty to thirty years.....	2	0	2
From thirty to forty years.....	1	2	3
Over forty years.....	0	0	0
Total	5	11	16

Miscellaneous

Typhoid Fever cases reported (died 2) 10

Recapitulation of Visits

Baby Hygiene	6,894
Tuberculosis	750
Miscellaneous	971
Total visits	8,615

Respectfully submitted,

HELEN B. BERRY,
MARY L. SCOTT, R. N.,
GRACE E. PICKERING, R. N.

Health Nurses.

REPORT OF THE DEPARTMENT OF MEDICAL INSPECTION

Somerville, Mass.,
January 3, 1928.

To the Board of Health,
Somerville, Mass.

Gentlemen:

I herewith present the report of the Department of Medical Inspection for the year 1927 including statistics of the Contagious Hospital.

Visits

Scarlet Fever—Each case must be inspected before release from quarantine to see that the condition of the patient is suitable for release	628
Diphtheria—Before patients are released from quarantine two successive negative cultures must be obtained	152
Contagious Hospital	392
Total number of visits	1,172

Contagious Disease Hospital

Disease	In Hospital Jan. 1, 1927	Ad- mitted	Discharged Well or Improved	Dead	In Hospital Jan. 1, 1928
Diphtheria	4	35	34	5	0
Scarlet Fever	21	140	154	3	4
Miscellaneous	0	13	12	1	0

The daily average of patients was 12.83.

LABORATORY EXAMINATIONS

Diphtheria

	Negative	Positive	Total
January	123	36	159
February	116	34	150
March	70	20	90
April	73	26	99
May	74	8	82
June	22	3	25
July	27	3	30
August	17	0	17
September	19	9	28
October	36	24	60
November	61	27	88
December	63	2	65
Totals	701	192	893

Tuberculosis

	Negative	Positive	Total
January	11	4	15
February	5	3	8
March	8	3	11
April	17	3	20
May	14	2	16
June	10	2	12
July	6	2	8
August	8	2	10
September	6	1	7
October	15	2	17
November	17	2	19
December	16	3	19
Totals	133	29	162

Typhoid

	Negative	Positive	Total
January	1	0	1
February	1	0	1
March	2	1	3
April	7	1	8
May	2	0	2
June	3	0	3
July	3	0	3
August	7	1	8
September	3	0	3
October	2	0	2
November	0	0	0
December	4	0	4
Totals	35	3	38

Examinations made for Malaria, Ophthalmia, Paratyphoid, Gonorrhea and Pneumonia

21

Total examinations

1,076

Tuberculosis

During 1927 there were 38 deaths from Tuberculosis including all forms, 34 of which were of the pulmonary type. This record shows a slight increase over the previous year when 35 deaths were reported.

All patients ill with the disease coming to the attention of the Board have either been supervised at their homes by the Public Health Nurses, or have been placed in sanatoria when such treatment was needed.

The tuberculosis ward at the Contagious Hospital which was closed on September 1, 1921 on account of the small num-

ber of patients in the hospital, was opened from June 28th to September 3, as a Preventorium for children who were under nourished or lived in families where tuberculosis cases existed.

During this time 96 children were residents at the Preventorium for a total of 1089 days, the average stay being 11 days. Much good was accomplished among these children, marked improvement being observed in their physical condition, and it should be maintained each summer.

Infant Hygiene Clinics

On January 1, 1922 the board with the approval of His Honor the Mayor, assumed the care of the Infant Hygiene Clinics previously maintained by Somerville Chapter of the American Red Cross. These clinics have been held on Thursday afternoon at the Bennett School and Friday afternoon at the Bingham School throughout the year. On September 29, 1925 a clinic was established at the Edgerly School and has been held on Tuesday afternoon weekly. An average attendance of 48 at the Bingham School, 22 at the Bennett School and 28 at the Edgerly school has been attained. 541 new babies have been under supervision at the clinics where advice has been given to the mothers by the attending physician, and in many instances the infants have been visited at home by the Public Health Nurses in order that the advice may be properly followed out. This work is unquestionably of great value in conserving the health of new born infants.

Respectfully submitted,

FRANK L. MORSE,

Medical Inspector and Bacteriologist.

REPORT OF THE INSPECTOR OF ANIMALS AND PROVISIONS

Somerville, Mass.,

January 3, 1928.

To the Board of Health,

Somerville, Mass.

Gentlemen:

I submit the following as my report for the year ending December 31, 1927.

Inspections

The following table shows the number of inspections made during the past year. In order to safeguard the consumer, all establishments handling foodstuffs are under constant supervision. Lunch cars and restuarants have been inspected weekly.

Under the provision of the General Laws of 1920 all bakeries are required to register with the Board of Health. The law provides that all doors and windows shall be properly screened and that all food exposed for sale shall be kept covered. Careful inspections of all bakeries have been made to see that this law has been complied with.

All the factories in the city have been inspected monthly.

The Barber Shops are under very careful inspection and must be kept in a sanitary condition, and the barbers are required to keep themselves neat and clean and to properly sterilize their instruments.

Number of Inspections

Bakeries	503	Pedlers and wagons and stock	1,838
Barber Shops	435	Public halls	62
Bath houses	7	Rendering plants	158
Dumps	23	Slaughter houses	513
Factories	180	Stores and markets	4,534
Fish Markets	832	Stables	127
Ice Cream Plants	134	Theatres	97
Lunch rooms and cars....	1,392	Vacant lots and dumps	70
Milk and cream plants	122	Yards and cellars	334



Articles Condemned:

Fish

Cod	10 lbs.
Haddock	131 lbs.
Halibut	36 lbs.
Mackerel	42 whole
Mackerel	30 lbs.
Salmon	22 lbs.
Scallops	6 lbs.
Smelts	10 lbs.

Fruit

Apples	$\frac{1}{2}$ bus.
Bananas	32 doz.
Blackberries	10 boxes
Blueberries	24 qts.
Canteloupes	8 cts.
Grape Fruit	1 box
Oranges	1 box
Raspberries	12 pts.
Strawberries	12 boxes
Strawberries	84 qts.

Meats

Beef (corned)	503 lbs.
Beef (fresh)	243 lbs.
Fowl	501 lbs.
Hamburg Steak	29 lbs.
Hogsheadcheese	5 lbs.
Lamb	461 lbs.
Liver	21 lbs.
Pork (fresh)	178 lbs.
Rabbitts	10 whole
Ribs (corned)	30 lbs.
Sausages	53 lbs.
Shoulder (corned)	155 lbs.
Spare Ribs	20 lbs.
Turkey	12 lbs.
Veal	125 lbs.

Vegetables

Asparagus	12 bus.
Beans	5 boxes
Beans	$1\frac{1}{2}$ bas.
Beans	$8\frac{1}{2}$ bus.
Beets	1 bu.
Corn	$2\frac{1}{2}$ bus.

Lettuce	9½ bxs.
Lettuce	2 doz.
Onions	2½ bus.
Potatoes (white)	2½ bus.
Potatoes (sweet)	1½ bbl.
Spinach	6 bus.
Tomatoes	4 bxs.
Tomatoes	5 bas.
Turnips	1 box.
Turnips	1 bus.

Miscellaneous

Bread	6 loaves
Candy	50 lbs.

Slaughter Houses

During the year weekly inspections have been made at all slaughtering establishments and these plants were never in a more sanitary condition than at present.

The number of animals slaughtered during 1927 in this city was greater than during 1926.

Number of Animals Slaughtered in 1927

Swine	646,582
Sheep	244,104
Calves	60,102
Cattle	33,547
Total	<u>984,335</u>

Examination of Animals for Contagious Diseases

Reports were received from the Division of Animal Industry, State House, Boston, Mass., that examinations showed that there were eight cases of rabies in dogs during the last year in this city.

Animals Examined

	Inspected	Quaran- tined	Killed	Released
Cows	3	0	0	0
Goats	6	0	0	0
Dogs	47	47	0	47
Total	<u>56</u>	<u>47</u>	<u>0</u>	<u>47</u>

Respectfully submitted,

CHARLES M. BERRY,

Inspector of Animals and Provisions.

REPORT OF THE INSPECTOR OF MILK AND VINEGAR

Chemical and Bacteriological Laboratory,
City Hall, Somerville, Mass.
January 3, 1928.

To the Board of Health,
Somerville, Mass.

Gentlemen:

I herewith present my annual report for the year ending December 31, 1927.

On the above date there were licensed to sell milk, 753 stores and 50 dealers; and 153 stores were registered to sell oleomargarine. Of the 50 dealers handling milk and cream, 17 were located in Somerville and 33 were located in neighboring cities. 46 were pasteurizing according to the General Laws. 9 dealers sold cream exclusively, 2 were wholesalers, and 2 small producers sold milk from tuberculin tested cows. There were approximately 40,000 quarts of milk and 4,000 quarts of cream distributed in Somerville daily.

The following tables 1, 2, 3, and 4 are a summary of the work for the department for the year.

Table 1
Receipts

Months.	License Applications	License Fees.	Analytical Fees.	Cash Paid City Treas.	Analyses on Account.	Total Income for Department
January	11	5.50	0	5.50	1.50	7.00
February	17	8.50	0	8.50	9.00	17.50
March	20	10.00	0	10.00	58.50	68.50
April	16	8.00	0	8.00	20.00	28.00
May	596	298.00	0	298.00	14.00	312.00
June	158	79.00	0	79.00	22.00	101.00
July	41	20.50	1.50	22.00	9.50	31.50
August	27*	89.50	0	89.50	5.50	95.00
September	16†	17.50	0	17.50	23.00	40.50
October	20	10.00	.50	10.50	17.50	28.00
November	18	9.00	1.00	10.00	5.50	15.50
December	24	12.00	0	12.00	17.00	29.00
Total	964	567.50	3.00	570.50	203.50	

* 3 Pasteurizing licences included.

† 1 Pasteurizing license included.

Table 2

Samples of Milk, Cream, Ice Cream and Vinegar Examined

Months.	Chemical Samples Collected.	Bact. Samples Collected.	Lorenz Tests.	Reductase.	Total Collections.	Samples Submitted	Total Examina- tions.
January	215	75	66	0	356	3	359
February	202	72	72	0	346	17	363
March	251	89	80	0	428	58	486
April	281	70	70	0	421	19	440
May	225	64	64	2	355	20	375
June	217	64	54	0	335	37	372
July.....	200	74	63	115	452	13	465
August	127	89	66	42	324	7	331
September.....	149	79	80	0	308	35	343
October	198	76	59	0	333	17	350
November	198	72	62	0	332	7	339
December	155	88	49	0	292	30	322
Total.....	2418	1419	785	167	4282	263	4545

Table 3

Legal Notices

Months.	Chemical	Bac- teriological	Sanitary	Temperature	Total
January	1	19	0	0	20
February	3	5	1	0	9
March	0	9	1	0	10
April.....	0	13	1	0	14
May	11	3	0	0	14
June	1	26	0	0	27
July	4	39	7	2	52
August	3	15	0	0	18
September.....	0	5	0	0	5
October	2	11	0	0	13
November	4	7	0	0	11
December	0	14	0	0	14
Total.....	29	166	10	2	207

Table 4
Inspections

Months.	City Milk Plants and Railroad Terminals	Country Stations and Dairies	Restaurants and Stores	Total Inspections.
January.....	78	8	17	103
February....	93	3	14	110
March.....	97	12	0	109
April.....	79	5	8	92
May.....	79	4	34	127
June.....	81	5	15	101
July.....	61	10	152	213
August.....	67	36	13	116
September...	74	11	10	95
October.....	67	9	31	107
November....	126	3	23	152
December....	78	35	23	136
Total	980	141	346	1467

During 1927 license fees and fees for analysis amounted to \$773.50. There were in 1927, 4545 laboratory examinations of milk products, 3261 microscopical examinations of milk specimens by the Slack Method.

Each month during the year pint samples have been taken from every milk dealer and analyzed for food value (fats and solids) and cleanliness (bacterial count and sediment).

The higher the fat and solids the greater the food value. The lower the bacterial count, the greater care in production, better handling, or more efficient pasteurization is shown.

By calling the office of the Milk Inspector these figures will be cheerfully quoted.

During the year the Legislature added Chapter 259 to the Acts of 1927. This is an act to establish regulations governing establishments for the pasteurization of milk and gives the State Department of Health the power to make regulations and the enforcement is left jointly with the State Department of Health and the Local Board.

There are in this city nine such establishments and each is licensed according to law. The cooperation of the dealers has been excellent although in some cases the outlay was considerable to bring the establishment to the necessary perfection. We believe however that any law giving divided authority of enforcement is not fundamentally sound and that the enforcement of any state law or regulatory measure should be left with one body only.

While two of my recommendations of the last two or three years became this year State Law there remain several matters which I urge this board to support:

1. Operators of pasteurizing machines should be licensed by an examining board.
2. Controls for pasteurizing machines should be automatic.
3. Recording charts on pasteurizing machines both for milk and ice cream should cover a period of ten days and be under the control of the Board of Health and sealed by them.

Respectfully submitted,

HERBERT E. BOWMAN,

Inspector of Milk and Vinegar.

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